Catalog

Safety Data Sheet according to Regulation (EC) No 1907/2006

ABC Shampoo For Fine Hair 1. Prio new

SDS No. : 620879
V001.0
Revision: 26.10.2018
printing date: 08.08.2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
ABC Shampoo For Fine Hair 1. Prio new

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use:
Shampoo

1.3. Details of the supplier of the safety data sheet
Henkel AG & Co. KGaA
Düsseldorf Germany
Henkelstr. 67
40191 Düsseldorf
Phone: +49 211-797-0

E-mail address of person responsible for Safety Data Sheet:
Henkel Cosmetics, e-mail : Elisabeth.Poppe@henkel.com

1.4. Emergency telephone number
The Henkel information service also provides an around-the-clock telephone service on phone no.+49-(0)211-797-3350 for exceptional cases.
Further information is available at Poison Control Centers.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP):

Skin irritation	Category 2
Causes skin irritation.	
Serious eye irritation	Category 2
Causes serious eye irritation.	

2.2. Label elements (CLP)

Hazard pictogram:

Signal word:	Warning
Hazard statement:	H315 Causes skin irritation. H319 Causes serious eye irritation.
Precautionary statement: **Prevention**	P264 Wash skin thoroughly after handling. P280 Wear protective gloves.
Precautionary statement: **Response**	P302+P352 IF ON SKIN: Wash with plenty of water. P332+P313 If skin irritation occurs: Get medical advice/attention. P337+P313 If eye irritation persists: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse.

SECTION 3: Composition/information on ingredients

3.1. Substances

3.2. Mixtures

Hazardous substances according to CLP (EC) No 1272/2008:

Hazardous substances CAS-No.	EINECS	REACH-Reg No.	Content	Classification
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	270-407-8	01-2119513401-57	>= 10- < 20 %	H315 Skin irritation 2; Dermal H318 Serious eye damage 1
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	263-058-8	01-2119489410-39	>= 3- < 4 %	H318 Serious eye damage 1 H412 Chronic hazards to the aquatic environment 3
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	263-174-9	01-2119976339-21	>= 1- < 10 %	H319 Serious eye irritation 2

For full text of the H - Phrases indicated by codes only see Section 16 "Other information".

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:
In case of adverse health effects seek medical advice.

Inhalation:
not relevant.

Skin contact:
Rinse with running water and soap.
Take off all clothing contaminated by the product.
If necessary, see a dermatologist.

Eye contact:
Rinse immediately with plenty of running water (for 10 minutes), seek medical attention from a specialist.

Ingestion:
Rinse mouth and throat. Drink 1-2 glasses of water. Seek medical advice.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
All common extinguishing agents are suitable.

Extinguishing media which must not be used for safety reasons:
None known

5.2. Special hazards arising from the substance or mixture

The release of following substances is possible in case of fire:

carbon oxides.
nitrogen oxides
Hydrogen chloride.

5.3. Advice for firefighters

Wear self-contained breathing apparatus.
Wear protective equipment.

Additional information:

Dispose of combustion residues and contaminated fire-fighting water in accordance with statutory regulations.
Collect contaminated fire fighting water separately. It must not enter drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective equipment.

6.2. Environmental precautions

Do not allow to enter drainage system, surface or ground water of not diluted product.
Do not dispose of in wastepaper bin or trash-can.

6.3. Methods and material for containment and cleaning up

Remove with liquid-absorbing material (chemical binder)
Dilute small quantities with large amount of water and rinse.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling advice:
Avoid skin and eye contact.

Fire and explosion protection information:
No special measures required if used properly.

Hygiene measures:
Do not eat, drink or smoke while working.
Immediately remove soiled or soaked clothing.
Wash hands before work breaks and after finishing work.
Keep away from food, beverages and animal feed.

7.2. Conditions for safe storage, including any incompatibilities

Store in sealed original container protected against moisture.
Store far from foodstuffs.

7.3. Specific end use(s)

Shampoo

SECTION 8: Exposure controls/personal protection

Only relevant for professional/industrial use

8.1. Control parameters

Valid for
Germany

None

8.2. Exposure controls

Engineering controls:
Ensure good ventilation/suction at the workplace.

Respiratory protection:
Not needed.

Hand protection:
For the contact with product protective gloves made from Spezial-Nitril (material thickness > 0.1 mm, break through time > 480 min class 6) are recommended according to EN 374. In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. We recommend to change single-use protective gloves periodical and a hand care plan in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.
Manufacturer e.g. German company KCL, type Dermatril.

Eye protection:
Protective goggles

Skin protection:
Suitable protective clothing

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

The following data apply to the whole mixture:

Appearance	liquid viscous, clear yellow
Odor	floral, woody
pH (20 °C (68 °F))	4,50 - 5,00
Initial boiling point	Not applicable
Flash point	Not applicable
Decomposition temperature	Not applicable
Vapour pressure	Not applicable
Density (20 °C (68 °F))	1,020 - 1,050 g/cm3
Bulk density	Not applicable
Viscosity (Haake; Instrument: Haake VT 550; 20 °C (68 °F); speed of rotation: 8 min-1; Rotary measuring system: MV II)	8.000 - 13.000 mPa.s
Viscosity (kinematic)	Not applicable
Explosive properties	Not applicable
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	Soluble
Solidification temperature	Not applicable
Melting point	Not applicable
Flammability	Not applicable
Auto-ignition temperature	Not applicable
Explosive limits	Not applicable
Partition coefficient: n-octanol/water	Not applicable
Evaporation rate	Not applicable

Vapor density	Not applicable
Oxidising properties	Not applicable
Container pressure	Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity
None if used for intended purpose.

10.2. Chemical stability
None known.

10.3. Possibility of hazardous reactions
See section reactivity
None known.

10.4. Conditions to avoid
None known.

10.5. Incompatible materials
None known.

10.6. Hazardous decomposition products
None known.

SECTION 11: Toxicological information

General toxicological information:
The present product is a chemical preparation within the meaning of the chemicals act. The following evaluation has been made on the basis of the toxicological data and content by weight of the individual ingredients.

11.1. Information on toxicological effects

Acute oral toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	LD50	2.079 mg/kg	rat	not specified
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	LD50	> 5.000 mg/kg	rat	OECD Guideline 401 (Acute Oral Toxicity)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	LD50	> 5.000 mg/kg	rat	not specified

Acute dermal toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	LD50	6.300 - 13.500 mg/kg	rabbit	not specified
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	LD50	> 2.000 mg/kg	rat	OECD Guideline 402 (Acute Dermal Toxicity)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	LD50	> 2.000 mg/kg	rat	OECD Guideline 402 (Acute Dermal Toxicity)

Acute inhalative toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Test atmosphere	Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	LC50	> 52 mg/l	vapour	4 h	rat	not specified

Skin corrosion/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	irritating		rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	moderately irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious eye damage/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	highly irritating		rabbit	not specified
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	highly irritating	24 h	rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Respiratory or skin sensitization:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Test type	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	not sensitising	Guinea pig maximisation test	guinea pig	OECD Guideline 406 (Skin Sensitisation)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	not sensitising	Guinea pig maximisation test	guinea pig	Magnusson and Kligman Method

Germ cell mutagenicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	negative	bacterial reverse mutation assay (e.g Ames test)			OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	negative	in vitro mammalian chromosome aberration test			OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)

Carcinogenicity

No data available.

Reproductive toxicity:

No data available.

STOT-single exposure:

No data available.

STOT-repeated exposure::

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Route of application	Exposure time / Frequency of treatment	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	NOAEL 195 mg/kg	oral: unspecified	chronic	rat	not specified
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	NOAEL 259 mg/kg	oral: unspecified	chronic	rat	not specified
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	NOAEL 1.000 mg/kg	oral: gavage	28 days 1 x/day, 5 x/week	rat	EU Method B.7 (Repeated Dose (28 Days) Toxicity (Oral))

Aspiration hazard:

No data available.

SECTION 12: Ecological information

General ecological information:
The ecological evaluation of the product is based on data from the raw material and/or comparable substances.

12.1. Toxicity

Toxicity (Fish):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	LC50	> 3,4 - 4,9 mg/l	96 h	Leuciscus idus	DIN 38412-15
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	NOEC	1,8 mg/l		Pimephales promelas	OECD Guideline 210 (fish early lite stage toxicity test)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	LC50	6,7 mg/l	96 h	Brachydanio rerio (new name: Danio rerio)	ISO 7346-1 (Determination of the Acute Lethal Toxicity of Substances to a Freshwater Fish [Brachydanio rerio Hamilton-Buchanan (Teleostei, Cyprinidae)]
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	NOEC	0,135 mg/l	100 d	Oncorhynchus mykiss	OECD Guideline 210 (fish early lite stage toxicity test)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	LC50	5,04 mg/l	96 h	Danio rerio	OECD Guideline 203 (Fish, Acute Toxicity Test)

Toxicity (Daphnia):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	EC50	4,53 mg/l	48 h	Ceriodaphnia sp.	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	EC50	3,7 mg/l	24 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	EC50	4,6 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Chronic toxicity to aquatic invertebrates

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	NOEC	6,3 mg/l	21 h	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	NOEC	4 mg/l	21 d	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)

Toxicity (Algae):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	EC50	5,2 mg/l	72 h	Skeletonema costatum	ISO 10253:2006 (Marine algal growth inhibition test)
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	NOEC	3,2 mg/l	72 h	Skeletonema costatum	ISO 10253:2006 (Marine algal growth inhibition test)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	EC50	2,6 mg/l	96 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	OECD Guideline 201 (Alga, Growth Inhibition Test)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	EC50	> 100 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	NOEC	10 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)

Toxicity to microorganisms

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	EC10	14 mg/l	3 h	activated sludge	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	EC0	10.000 mg/l	16 h	Pseudomonas putida	DIN 38412, part 8 (Pseudomonas Zellvermehrungshemm-Test)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	EC50	513 mg/l	3 h	activated sludge	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)

12.2. Persistence and degradability

Hazardous substances CAS-No.	Result	Test type	Degradability	Exposure time	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6		aerobic	88 %	28 d	OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test)
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	readily biodegradable	aerobic	98 %	30 d	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	readily biodegradable	aerobic	86 %	28 d	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	inherently biodegradable	aerobic	97 - 100 %	28 d	EU Method C.9 (Biodegradation: Zahn-Wellens Test)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	readily biodegradable	aerobic	82 %	28 d	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

Hazardous substances CAS-No.	LogPow	Temperature	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	-1,3	20 °C	EU Method A.8 (Partition Coefficient)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	0,24	20 °C	EU Method A.8 (Partition Coefficient)

12.5. Results of PBT and vPvB assessment

Hazardous substances CAS-No.	PBT / vPvB
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	Not fulfilling PBT (persistent/bioaccummulative/toxic) criteria

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:
Consider national regulations.

SECTION 14: Transport information

14.1. UN number

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.2. UN proper shipping name

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.3. Transport hazard class(es)

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.4. Packing group

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.5. Environmental hazards

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.6. Special precautions for user

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations/information (Germany):

WGK:	2, water-endangering product. (German VwVwS of May 17, 1999) Classification in conformity with the calculation method
Storage class according to TRGS 510:	10

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text
of all abbreviations indicated by codes in this safety data sheet are as follows:

H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.

Further information:
This information is not related to the use of the product, it is based on our current level of knowledge.

Safety Data Sheet according to Regulation (EC) No 1907/2006

Authentic Beauty Concept Amplify Conditioner

SDS No. : 623114
V001.0
Revision: 29.10.2018
printing date: 08.08.2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Authentic Beauty Concept Amplify Conditioner

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use:
Conditioner, rinse off

1.3. Details of the supplier of the safety data sheet
Henkel AG & Co. KGaA
Düsseldorf Germany
Henkelstr. 67
40191 Düsseldorf
Phone: +49 211-797-0

E-mail address of person responsible for Safety Data Sheet:
Henkel Cosmetics, e-mail : Elisabeth.Poppe@henkel.com

1.4. Emergency telephone number
The Henkel information service also provides an around-the-clock telephone service on phone no.+49-(0)211-797-3350 for exceptional cases.
Further information is available at Poison Control Centers.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP):

Flammable liquids	Category 3
Flammable liquid and vapor.	
Serious eye irritation	Category 2
Causes serious eye irritation.	
Chronic hazards to the aquatic environment	Category 3
Harmful to aquatic life with long lasting effects.	

2.2. Label elements (CLP)

Hazard pictogram:

Signal word:	Warning
Hazard statement:	H226 Flammable liquid and vapor. H319 Causes serious eye irritation. H412 Harmful to aquatic life with long lasting effects.
Precautionary statement: Prevention	P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking. P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary statement: Response	P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. P337+P313 If eye irritation persists: Get medical advice/attention. P370+P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

SECTION 3: Composition/information on ingredients

3.1. Substances

3.2. Mixtures

Hazardous substances according to CLP (EC) No 1272/2008:

Hazardous substances CAS-No.	EINECS	REACH-Reg No.	Content	Classification
Ethanol denatured 64-17-5	200-578-6	01-2119457610-43	>= 1- < 10 %	H225 Flammable liquids 2 H319 Serious eye irritation 2
Stearamidopropyl Dimethylamine 7651-02-7	231-609-1	01-2119979089-19	>= 1- < 2,5 %	H318 Serious eye damage 1 H400 Acute hazards to the aquatic environment 1 H411 Chronic hazards to the aquatic environment 2
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2			>= 0,25- < 1 %	H400 Acute hazards to the aquatic environment 1 H410 Chronic hazards to the aquatic environment 1

For full text of the H - Phrases indicated by codes only see Section 16 "Other information".

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:
In case of adverse health effects seek medical advice.
Remove casualty immediately from danger zone. Take off immediately all contaminated clothing.

Inhalation:
Move to fresh air.

Skin contact:
Rinse with water. Take off all clothing contaminated by the product.

Eye contact:
Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

Ingestion:
Rinse the mouth. Drink 1-2 glasses of water.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
Carbon dioxide.

Extinguishing media which must not be used for safety reasons:
High pressure waterjet

5.2. Special hazards arising from the substance or mixture

The release of following substances is possible in case of fire:

carbon oxides.
nitrogen oxides
Hydrogen chloride.
Sulphur oxides

5.3. Advice for firefighters

Wear self-contained breathing apparatus.
Wear protective equipment.

Additional information:

Dispose of combustion residues and contaminated fire-fighting water in accordance with statutory regulations.
Collect contaminated fire fighting water separately. It must not enter drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No information.

6.2. Environmental precautions

Do not empty into drains / surface water / ground water.
Do not dispose of in wastepaper bin or trash-can.
Inform authorities in the event of product spillage to water courses or sewage systems.

6.3. Methods and material for containment and cleaning up

Dilute small quantities with large amount of water and rinse.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling advice:
No particular measures required.

Fire and explosion protection information:
Take measures to prevent the build-up of electrostatic charges.
Keep away from sources of ignition - no smoking.

Hygiene measures:
Do not eat, drink or smoke while working.
Immediately remove soiled or soaked clothing.
Wash hands before work breaks and after finishing work.
Keep away from food, beverages and animal feed.

7.2. Conditions for safe storage, including any incompatibilities

Store in sealed original container protected against moisture.
Store far from foodstuffs.

7.3. Specific end use(s)

Conditioner, rinse off

SECTION 8: Exposure controls/personal protection

Only relevant for professional/industrial use

8.1. Control parameters

Valid for

Germany

Ingredient [Regulated substance]	ppm	mg/m³	Value type	Short term exposure limit category / Remarks	Remarks
Ethanol 64-17-5			Short Term Exposure Classification:	Category II: substances with a resorptive effect.	TRGS 900
Ethanol 64-17-5	200	380	Exposure limit(s):	2 If the AGW and BGW values are complied with, there should be no risk of reproductive damage (see Number 2.7).	TRGS 900
Glycerol 56-81-5		200	Exposure limit(s):	2 If the AGW and BGW values are complied with, there should be no risk of reproductive damage (see Number 2.7).	TRGS 900
Glycerol 56-81-5			Short Term Exposure Classification:	Category I: substances for which the localized effect has an assigned OEL or for substances with a sensitizing effect in respiratory passages.	TRGS 900

8.2. Exposure controls

Engineering controls:
Ensure good ventilation/suction at the workplace.

Respiratory protection:
Not needed.

Hand protection:
For the contact with product protective gloves made from Spezial-Nitril (material thickness > 0.1 mm, break through time > 480 min class 6) are recommended according to EN 374. In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. We recommend to change single-use protective gloves periodical and a hand care plan in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.

Manufacturer e.g. German company KCL, type Dermatril.

Eye protection:
Protective goggles

Skin protection:
Suitable protective clothing

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

The following data apply to the whole mixture:

Appearance	gel viscous, clear light yellow
Odor	citric, floral, woody

pH (20 °C (68 °F))	3,70 - 4,50
Initial boiling point	Not applicable
Flash point	44,5 °C (112.1 °F); DIN 51755 Closed cup flash point
Decomposition temperature	Not applicable
Vapour pressure	Not applicable
Density (20 °C (68 °F))	0,980 - 1,010 g/cm3
Bulk density	Not applicable
Viscosity (Haake; Instrument: Haake VT 550; 20 °C (68 °F); Rotary measuring system: MV II)	7.500 - 13.000 mPa.s
Viscosity (kinematic)	Not applicable
Explosive properties	Not applicable
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	Miscible
Solidification temperature	Not applicable
Melting point	Not applicable
Flammability	Not applicable
Auto-ignition temperature	Not applicable
Explosive limits	Not applicable
Partition coefficient: n-octanol/water	Not applicable
Evaporation rate	Not applicable
Vapor density	Not applicable
Oxidising properties	Not applicable
Container pressure	Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity
None if used for intended purpose.

10.2. Chemical stability
None known.

10.3. Possibility of hazardous reactions
See section reactivity
None known.

10.4. Conditions to avoid
Keep away from sources of ignition and naked flames.

10.5. Incompatible materials
None known.

10.6. Hazardous decomposition products
None known.

SECTION 11: Toxicological information

General toxicological information:
The present product is a chemical preparation within the meaning of the chemicals act. The following evaluation has been made on the basis of the toxicological data and content by weight of the individual ingredients.
No information exists about acute toxic, irritative or otherwise harmful effects caused by the product.

11.1. Information on toxicological effects

Acute oral toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Ethanol denatured 64-17-5	LD50	10.470 mg/kg	rat	OECD Guideline 401 (Acute Oral Toxicity)
Stearamidopropyl Dimethylamine 7651-02-7	LD50	3.480 mg/kg	rat	OECD Guideline 401 (Acute Oral Toxicity)
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	LD50	12.500 mg/kg	rat	not specified

Acute dermal toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Ethanol denatured 64-17-5	LD50	> 2.000 mg/kg	rabbit	OECD Guideline 402 (Acute Dermal Toxicity)
Stearamidopropyl Dimethylamine 7651-02-7	LD50	> 2.000 mg/kg	rabbit	not specified

Acute inhalative toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Test atmosphere	Exposure time	Species	Method
Ethanol denatured 64-17-5	LC50	124,7 mg/l	vapour	4 h	rat	OECD Guideline 403 (Acute Inhalation Toxicity)

Skin corrosion/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Stearamidopropyl Dimethylamine 7651-02-7	not irritating		rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious eye damage/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Ethanol denatured 64-17-5	Category II		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Stearamidopropyl Dimethylamine 7651-02-7	Category 1 (irreversible effects on the eye)		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Respiratory or skin sensitization:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Test type	Species	Method
Stearamidopropyl Dimethylamine 7651-02-7	not sensitising	Guinea pig maximisation test	guinea pig	OECD Guideline 406 (Skin Sensitisation)

Germ cell mutagenicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Stearamidopropyl Dimethylamine 7651-02-7	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Stearamidopropyl Dimethylamine 7651-02-7	negative	mammalian cell gene mutation assay	with and without		OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Stearamidopropyl Dimethylamine 7651-02-7	negative	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)

Carcinogenicity

No data available.

Reproductive toxicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Test type	Route of application	Species	Method
Stearamidopropyl Dimethylamine 7651-02-7	NOAEL P 70 mg/kg		oral: gavage	rat	OECD Guideline 421 (Reproduction / Developmental Toxicity Screening Test)

STOT-single exposure:

No data available.

STOT-repeated exposure::

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Route of application	Exposure time / Frequency of treatment	Species	Method
Stearamidopropyl Dimethylamine 7651-02-7	NOAEL >= 200 mg/kg	dermal	13 weeks once daily (5 days/week)	rabbit	OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)

Aspiration hazard:

No data available.

SECTION 12: Ecological information

General ecological information:
The ecological evaluation of the product is based on data from the raw material and/or comparable substances.

12.1. Toxicity

Toxicity (Fish):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Ethanol denatured 64-17-5	LC50	> 12.000 - 16.000 mg/l	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
Stearamidopropyl Dimethylamine 7651-02-7	NOEC	0,1 mg/l	9 d	Danio rerio	OECD Guideline 212 (Fish, Short-term Toxicity Test on Embryo and Sac-Fry Stages)
Stearamidopropyl Dimethylamine 7651-02-7	LC50	> 0,1 - 1 mg/l	96 h	Salmo gairdneri (new name: Oncorhynchus mykiss)	OECD Guideline 203 (Fish, Acute Toxicity Test)
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	LC50	> 0,2 - 0,8 mg/l	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)

Toxicity (Daphnia):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Ethanol denatured 64-17-5	EC50	> 100 mg/l	24 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Stearamidopropyl Dimethylamine 7651-02-7	EC50	0,381 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Chronic toxicity to aquatic invertebrates

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Stearamidopropyl Dimethylamine 7651-02-7	NOEC	0,2 mg/l	21 d	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)

Toxicity (Algae):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Ethanol denatured 64-17-5	EC50	> 100 mg/l	24 h	Chlorella pyrenoidosa	OECD Guideline 201 (Alga, Growth Inhibition Test)
Stearamidopropyl Dimethylamine 7651-02-7	EC10	0,071 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)
Stearamidopropyl Dimethylamine 7651-02-7	EC50	0,14 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)

Toxicity to microorganisms

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Ethanol denatured 64-17-5	IC50	> 1.000 mg/l	3 h	activated sludge	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)
Stearamidopropyl Dimethylamine 7651-02-7	EC10	32 mg/l	16 h		DIN 38412, part 8 (Pseudomonas Zellvermehrungshemm-Test)

12.2. Persistence and degradability

Hazardous substances CAS-No.	Result	Test type	Degradability	Exposure time	Method
Ethanol denatured 64-17-5	readily biodegradable	aerobic	> 70 %	5 d	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
Stearamidopropyl Dimethylamine 7651-02-7	readily biodegradable	aerobic	88 %	28 d	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	not readily biodegradable.	aerobic	0 %	28 d	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	not inherently biodegradable	aerobic	51 %	28 d	OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test)

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

Hazardous substances CAS-No.	LogPow	Temperature	Method
Stearamidopropyl Dimethylamine 7651-02-7	2,01	20 °C	EU Method A.8 (Partition Coefficient)

12.5. Results of PBT and vPvB assessment

Hazardous substances CAS-No.	PBT / vPvB
Ethanol denatured 64-17-5	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Stearamidopropyl Dimethylamine 7651-02-7	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:
Consider national regulations.

SECTION 14: Transport information

14.1. UN number

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.2. UN proper shipping name

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.3. Transport hazard class(es)

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.4. Packing group

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.5. Environmental hazards

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.6. Special precautions for user

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations/information (Germany):

WGK:	2, water-endangering product. (German VwVwS of May 17, 1999) Classification in conformity with the calculation method
Storage class according to TRGS 510:	3

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text
of all abbreviations indicated by codes in this safety data sheet are as follows:

H225 Highly flammable liquid and vapor.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

Further information:
This information is not related to the use of the product, it is based on our current level of knowledge.

Revision Number: 001.0 **Issue date:** 11/07/2019

1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

Product identifier used on the label: Authentic Beauty Concept Bodyfying Mousse

Recommended use of the chemical and restrictions on use: Hairset, Mousse

Name, address and telephone number of the chemical manufacturer:
Henkel Corporation
One Henkel Way
Rocky Hill CT 06067

CHEMTREC: 1-800-424-9300 (24 hours daily)
Internet: www.henkel-northamerica.com

Emergency telephone number: Medical Emergencies:1-800-258-3425

2. HAZARDS IDENTIFICATION

The hazards described in this Globally Harmonized System Safety Data Sheet (SDS) are not intended for consumers, and does not address consumer use of the product. For information regarding consumer applications of this product, refer to the product label.

Classification of the substance or mixture in accordance with paragraph (d) of §1910.1200

HAZARD CLASS	HAZARD CATEGORY
FLAMMABLE AEROSOL.	2
GASES UNDER PRESSURE	Liquef. Gas

Signal word, hazard statement(s), symbol(s) and precautionary statement(s) in accordance with paragraph (f) of §1910.1200

Signal word: WARNING
Hazard Statement(s):
Flammable aerosol.
Contains gas under pressure; may explode if heated.

Symbol(s):

Precautionary Statements:

Prevention: Keep away from heat, sparks, open flames, hot surfaces - no smoking.
Do not spray on an open flame or other ignition source.
Do not pierce or burn, even after use.
Response: Not prescribed
Storage: Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Disposal: Not prescribed

Hazards not otherwise classified: Not available.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

The following chemicals are classified as health hazards in accordance with paragraph (d) of § 1910.1200.

Chemical Name*	CAS Number (Unique Identifier)	Concentration
butane	106-97-8	>= 1 - < 5 %
propane	74-98-6	>= 1 - < 5 %
Cetrimonium chloride	112-02-7	>= 0.1 - < 1 %

*The specific chemical identity and/or exact percentage (concentration) of composition has been withheld because a trade secret is claimed in accordance with paragraph (i) of §1910.1200.

Actual concentration or concentration range is withheld as a trade secret

4. FIRST AID MEASURES

Description of necessary measures

Inhalation: First aid measures not required.
Skin contact: First aid measures not required. Cosmetic product and therefore not necessary.
Eye contact: Rinse eyes immediately with plenty of water, occasionally lifting upper and lower lids, until no evidence of product remains. Get medical attention if pain or irritation persist.
Ingestion: Treat symptomatically and supportively. If vomiting occurs, keep head below hips to prevent aspiration. Dilution by rinsing the mouth and giving a glass of water to drink is generally recommended. If unconscious, the victim should not be given anything to drink. Contact physician or local poison control center.

Most important symptoms and effects, both acute and delayed

After eye contact: May cause mild transient irritation After skin contact: No adverse effects anticipated from normal use. After inhalation: Unlikely to occur due to the physical properties of the product. At elevated temperatures, vapors or mists may cause irritation. After ingestion: Ingestion may cause irritation of mouth, throat, digestive tract, diarrhea and vomiting.

Indication of any immediate medical attention and special treatment needed

After eye contact: Rinse eyes with plenty of water until no evidence of product remains. Get medical attention if irritation persists. After skin contact: Rinse affected area with mild soap and water until no evidence of product remains. After inhalation: No particular measures required. Remove from exposure area to fresh air. After ingestion: Administer immediately plenty of water. With ingestion of larger quantities (in adults one tablespoon) or in the case of discomfort or pain seek immediate medical attention.

5. FIRE FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Dry chemical, carbon dioxide, water spray or regular foam.

Unsuitable extinguishing media: None known

Specific hazards arising from the chemical

carbon oxides. nitrogen oxides

Special protective equipment and precautions for fire-fighters

In case of fire, wear a full-face positive-pressure self-contained breathing apparatus and protective suit. Shut off all ignition sources Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Isolate area. Keep unnecessary personnel away. Avoid breathing vapors, keep upwind.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Stop leak if you can do it without risk. Ventilate spill area if possible. Make sure area is slip-free before re-opening to traffic. Avoid skin and eye contact.

Environmental precautions

Small or household quantities may be disposed in regular domestic trash. For larger quantities check with your local disposal authorities.

Methods and materials for containment and cleaning up

SMALL SPILLS: Contain and absorb with sand or other absorbent material and place into clean, dry containers for later disposal. Wash site of spillage thoroughly with water. LARGE SPILLS: Dike far ahead of spill to prevent further movement. Recover by pumping or by using a suitable absorbent material and place into containers for later disposal. Dispose in suitable waste container.

7. HANDLING AND STORAGE

Precautions for safe handling

Do not get in eyes. Do not take internally. Keep the containers closed when not in use. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Store in original containers in a cool dry area. Store away from excessive heat and incompatible substances. Storage areas for large quantities (warehouse) should be well ventilated. Keep the containers tightly closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
butane	1,000 ppm STEL (Simple asphyxiant.)	None	None	None
propane	D: Simple asphyxiant, EX: Explosion hazard (Simple asphyxiant.)	1,000 ppm (1,800 mg/m3) PEL	None	None

Appropriate engineering controls

Provide local exhaust or general dilution ventilation to keep exposure to airborne contaminants below the permissible exposure limits where mists or vapors may be generated.

Individual protection measures

Respiratory: Air contamination monitoring should be carried out where mists or vapors are likely to be generated, to assure that the employees are not exposed to airborne contaminants above the permissible exposure limits.

Eye: Safety glasses are required to prevent eye contact where dusty conditions may occur.

Hand/Body: Protective gloves are required where repeated or prolonged skin contact may occur. Protective clothing is required where repeated or prolonged skin contact may occur.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	aerosol, Liquefied gas white
Odor:	floral, fruity
Odor threshold:	Not available.
pH:	Not available.
Melting point/ range:	Not available.
Boiling point/range:	Not available.
Flash point:	Not applicable
Evaporation rate:	Not available.
Flammable/Explosive limits - lower:	Not available.
Flammable/Explosive limits - upper:	Not available.
Vapor pressure:	Not available.
Vapor density:	Not available.
Solubility in water:	Partially soluble
Partition coefficient (n-octanol/water):	Not available.
Autoignition temperature:	Not available.
Decomposition temperature:	Not available.
Viscosity:	Not available.
VOC content:	Not available.

10. STABILITY AND REACTIVITY

Reactivity: This product may react with strong alkalies.

Chemical stability: Stable under normal ambient temperature (70°F, 21°C) and pressure (1 atm).

Possibility of hazardous reactions: Hazardous polymerization has not been reported to occur under normal temperatures and pressures.

Conditions to avoid: Avoid storing in direct sunlight and avoid extremes of temperature.

Incompatible materials: Strong oxidizers.

Hazardous decomposition products: Thermal decomposition may release toxic and/or hazardous gases.

11. TOXICOLOGICAL INFORMATION

Likely routes of exposure including symptoms related to characteristics

Inhalation: Unlikely to occur due to the physical properties of the product. At elevated temperatures, vapors or mists may cause irritation.
Skin contact: Repeated or prolonged excessive exposure may cause irritation or dermatitis.
Eye contact: May cause irritation.
Ingestion: May cause mild gastrointestinal irritation with nausea, vomiting, diarrhea and abdominal pain.
Physical/Chemical: Flammable.

Other relevant toxicity information: This product is a personal care or cosmetic product. The use of this product by consumers is safe under normal and reasonable foreseen use.

Numerical measures of toxicity, including delayed and immediate effect

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
butane	None	Cardiac, Central nervous system, Irritant
propane	None	Cardiac, Central nervous system, Irritant
Cetrimonium chloride	None	No Data

Carcinogenicity information

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
butane	No	No	No
propane	No	No	No
Cetrimonium chloride	No	No	No

Carcinogenicity None of the ingredients in this product are listed as carcinogens by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP) or the Occupational Safety and Health Administration (OSHA).
Mutagenicity None of the ingredients in this product are known to cause mutagenicity.
Toxicity for reproduction None of the ingredients in this product are known as reproductive, fetal, or developmental hazards.

12. ECOLOGICAL INFORMATION

Aquatic Toxicity:

This product is anticipated to be safe for the environment at concentrations predicted in household settings under normal use conditions. The following toxicity information is available for the hazardous ingredient(s) when used as technical grade and is provided as reference for the occupational settings.

Toxicity to fish:

The aquatic toxicity profile of this product has not been determined.

Toxicity to aquatic invertebrates:

The aquatic toxicity profile of this product has not been determined.

Toxicity to algae:

The aquatic toxicity profile of this product has not been determined.

Persistence and degradability

Hazardous substances CAS-No.	Result value	Route of application	Species	Method
Cetrimonium chloride 112-02-7	inherently biodegradable	aerobic	75 %	OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test)
	readily biodegradable	aerobic	95 %	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)

Bioaccumulative potential

The bioaccumulation potential of this product has not been determined.

Mobility in soil

The mobility of this product (in soil and water) has not been determined.

13. DISPOSAL CONSIDERATIONS

Description of waste residues:

Hazardous waste number: D001 (Ignitability)

Safe handling and disposal methods:

Recommended method of disposal: This product is a RCRA characteristic (ignitable) hazardous waste and must be disposed of in a RCRA Subtitle C landfill.

Disposal of uncleaned packages: Place in trash.

14. TRANSPORT INFORMATION

The information in this section is for reference only and should not take the place of a shipping paper (bill of lading) specific to an order. Please note that the proper shipping classification may vary by packaging, properties, and mode of transportation.

U.S. Department of Transportation Ground (49 CFR)
Proper shipping name: Aerosols
Hazard class or division: 2.1
Identification number: UN 1950
Packing group: None

International Air Transportation (ICAO/IATA)
Proper shipping name: Aerosols, flammable
Hazard class or division: 2.1
Identification number: UN 1950
Packing group: None

Water Transportation (IMO/IMDG)
Proper shipping name: AEROSOLS
Hazard class or division: 2.1
Identification number: UN 1950
Packing group: None

15. REGULATORY INFORMATION

Occupational safety and health act: Hazard Communication Standard, 29 CFR 1910.1200(g) Appendix D: The Occupational Safety and Health Administration (OSHA) require that the Safety Data Sheets (SDSs) are readily accessible to employees for all hazardous chemicals in the workplace. Since the use pattern and exposure in the workplace are generally not consistent with those experienced by consumers, this SDS may contain health hazard information not relevant to consumer use.

United States Regulatory Information

TSCA 8 (b) Inventory Status:	All components are listed or are exempt from listing on the Toxic Substances Control Act inventory.
TSCA 12 (b) Export Notification:	
CERCLA/SARA Section 302 EHS:	None above reporting de minimis.
CERCLA/SARA Section 311/312:	Not available.
CERCLA/SARA Section 313:	None above reporting de minimis.
California Proposition 65:	Not available.

Canada Regulatory Information

CEPA DSL/NDSL Status:	One or more components are not listed on, and are not exempt from listing on either the Domestic Substances List or the Non-Domestic Substances List.

16. OTHER INFORMATION

DISCLAIMER: The data contained herein are furnished for information only and are believed to be reliable. However, Henkel Corporation and its affiliates ("Henkel") does not assume responsibility for any results obtained by persons over whose methods Henkel has no control. It is the user's responsibility to determine the suitability of Henkel's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any Henkel's products. In light of the foregoing, Henkel specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of Henkel's products. Henkel further disclaims any liability for consequential or incidental damages of any kind, including lost profits.

This safety data sheet contains changes from the previous version in sections: New Safety Data Sheet format.

Prepared by: R&D Support Services

Issue date: 11/07/2019

Safety Data Sheet according to Regulation (EC) No 1907/2006

ABC Bodyfying Mousse - Aerosol

SDS No. : 617523
V001.0
Revision: 26.10.2018
printing date: 25.09.2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
ABC Bodyfying Mousse - Aerosol

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use:
Hairset, Mousse

1.3. Details of the supplier of the safety data sheet
Henkel AG & Co. KGaA
Düsseldorf Germany
Henkelstr. 67
40191 Düsseldorf
Phone: +49 211-797-0

E-mail address of person responsible for Safety Data Sheet:
Henkel Cosmetics, e-mail : Rolf.Bayersdoerfer@Henkel.com

1.4. Emergency telephone number
The Henkel information service also provides an around-the-clock telephone service on phone no.+49-(0)211-797-3350 for exceptional cases.
Further information is available at Poison Control Centers.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP):
Flammable aerosols Category 3
Pressurised container: May burst if heated.

2.2. Label elements (CLP)

Signal word: Warning

Hazard statement: H229 Pressurised container: May burst if heated.

Precautionary statement: Prevention P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P251 Do not pierce or burn, even after use.

Precautionary statement: Storage P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

SECTION 3: Composition/information on ingredients

3.1. Substances

3.2. Mixtures

Hazardous substances according to CLP (EC) No 1272/2008:

Hazardous substances CAS-No.	EINECS	REACH-Reg No.	Content	Classification
Butane, n- (< 0.1 % butadiene) 106-97-8	203-448-7	01-2119474691-32	>= 1- < 10 %	H220 Flammable gases 1 Gases under pressure
Propane 74-98-6	200-827-9	01-2119486944-21	>= 1- < 10 %	H220 Flammable gases 1 Gases under pressure
Cetrimonium chloride 112-02-7	203-928-6	01-2119970558-23	>= 0,1- < 0,25 %	H302 Acute toxicity 4; Oral H314 Skin corrosion 1C H400 Acute hazards to the aquatic environment 1 H410 Chronic hazards to the aquatic environment 1 H311 Acute toxicity 3 H318 Serious eye damage 1

For full text of the H - Phrases indicated by codes only see Section 16 "Other information".

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:
In case of adverse health effects seek medical advice.
Remove casualty immediately from danger zone. Take off immediately all contaminated clothing.

Inhalation:
Move to fresh air.

Skin contact:
Rinse with water. Take off all clothing contaminated by the product.

Eye contact:
Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

Ingestion:
Rinse the mouth. Drink 1-2 glasses of water.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
All common extinguishing agents are suitable.

Extinguishing media which must not be used for safety reasons:
None known

5.2. Special hazards arising from the substance or mixture

The release of following substances is possible in case of fire:

carbon oxides.
nitrogen oxides

5.3. Advice for firefighters
Wear self-contained breathing apparatus.
Wear protective equipment.

Additional information:
Dispose of combustion residues and contaminated fire-fighting water in accordance with statutory regulations.
Collect contaminated fire fighting water separately. It must not enter drains.
In case of fire, keep containers cool with water spray.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Take great care to avoid inhalation of the aerosol.

6.2. Environmental precautions
Do not allow to enter drainage system, surface or ground water of not diluted product.
Do not dispose of in wastepaper bin or trash-can.

6.3. Methods and material for containment and cleaning up
Dilute small quantities with large amount of water and rinse.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling advice:
No particular measures required.

Fire and explosion protection information:
Take measures to prevent the build-up of electrostatic charges.
Do not spray onto flame or red-hot objects.
Keep away from sources of ignition - no smoking.

Hygiene measures:
Do not eat, drink or smoke while working.
Immediately remove soiled or soaked clothing.
Wash hands before work breaks and after finishing work.
Keep away from food, beverages and animal feed.

7.2. Conditions for safe storage, including any incompatibilities
Store in sealed original container protected against moisture.
For aerosols: protect from direct sunshine and temperatures above 50°C.
Store far from foodstuffs.

7.3. Specific end use(s)
Hairset, Mousse

SECTION 8: Exposure controls/personal protection

Only relevant for professional/industrial use

8.1. Control parameters
Valid for
Germany

Ingredient [Regulated substance]	ppm	mg/m³	Value type	Short term exposure limit category / Remarks	Remarks
Butane 106-97-8	1.000	2.400	Exposure limit(s):	4	TRGS 900
Butane 106-97-8			Short Term Exposure Classification:	Category II: substances with a resorptive effect.	TRGS 900

Propane 74-98-6	1.000	1.800	Exposure limit(s):	4	TRGS 900
Propane 74-98-6			Short Term Exposure Classification:	Category II: substances with a resorptive effect.	TRGS 900

8.2. Exposure controls

Engineering controls:
Ensure good ventilation/suction at the workplace.

Respiratory protection:
When processing in open systems with aerosol formation wear suitable respiratory protection to avoid inhalation of aerosol particles.

Hand protection:
Not needed.

Eye protection:
No special measures required if used properly.

Skin protection:
Not needed.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

The following data apply to the whole mixture:

Appearance	aerosol fine white
Odor	floral, fruity
pH	Not applicable
Initial boiling point	Not applicable
Flash point	Not applicable
Decomposition temperature	Not applicable
Vapour pressure	Not applicable
Density ()	0,966 g/cm3
Bulk density	Not applicable
Viscosity	Not applicable
Viscosity (kinematic)	Not applicable
Explosive properties	Not applicable
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	Partially soluble
Solidification temperature	Not applicable
Melting point	Not applicable
Flammability	Not applicable
Auto-ignition temperature	Not applicable
Explosive limits	Not applicable
Partition coefficient: n-octanol/water	Not applicable
Evaporation rate	Not applicable
Vapor density	Not applicable
Oxidising properties	Not applicable
Container pressure (20 °C (68 °F))	5,0 - 5,6 bar
Container pressure (50 °C (122 °F))	9,5 - 10,0 bar

SECTION 10: Stability and reactivity

10.1. Reactivity
None if used for intended purpose.

10.2. Chemical stability
None known.

10.3. Possibility of hazardous reactions
See section reactivity
None known.

10.4. Conditions to avoid
Keep away from sources of ignition and naked flames.

10.5. Incompatible materials
None known.

10.6. Hazardous decomposition products
None known.

SECTION 11: Toxicological information

General toxicological information:
The present product is a chemical preparation within the meaning of the chemicals act. The following evaluation has been made on the basis of the toxicological data and content by weight of the individual ingredients.
No information exists about acute toxic, irritative or otherwise harmful effects caused by the product.

11.1. Information on toxicological effects

Acute oral toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Cetrimonium chloride 112-02-7	LD50	500 mg/kg	rat	OECD Guideline 420 (Acute Oral Toxicity)

Acute dermal toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Cetrimonium chloride 112-02-7	LD50	528 mg/kg	rabbit	OECD Guideline 402 (Acute Dermal Toxicity)

Acute inhalative toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Test atmosphere	Exposure time	Species	Method
Butane, n- (< 0.1 % butadiene) 106-97-8	LC50	274200 ppm	gas	4 h	rat	not specified
Propane 74-98-6	LC50	> 800000 ppm	gas	15 min	rat	not specified

Skin corrosion/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Cetrimonium chloride 112-02-7	Category 1C (corrosive)	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious eye damage/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Cetrimonium chloride 112-02-7	highly irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Respiratory or skin sensitization:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Test type	Species	Method
Cetrimonium chloride 112-02-7	not sensitising	Guinea pig maximisation test	guinea pig	OECD Guideline 406 (Skin Sensitisation)

Germ cell mutagenicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Butane, n- (< 0.1 % butadiene) 106-97-8	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Butane, n- (< 0.1 % butadiene) 106-97-8	negative	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Propane 74-98-6	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Propane 74-98-6	negative	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Cetrimonium chloride 112-02-7	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		not specified
Cetrimonium chloride 112-02-7	negative	mammalian cell gene mutation assay	with and without		OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Cetrimonium chloride 112-02-7	negative	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Butane, n- (< 0.1 % butadiene) 106-97-8	negative			Drosophila melanogaster	not specified
Propane 74-98-6	negative			Drosophila melanogaster	not specified

Carcinogenicity

No data available.

Reproductive toxicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Test type	Route of application	Species	Method
Butane, n- (< 0.1 % butadiene) 106-97-8	NOAEL P 21,4 mg/l NOAEL F1 21,4 mg/l			rat	OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
Cetrimonium chloride 112-02-7	NOAEL P 16 mg/kg NOAEL F1 24 mg/kg	two-generation study	oral: feed	rat	OECD Guideline 416 (Two-Generation Reproduction Toxicity Study)

STOT-single exposure:

No data available.

STOT-repeated exposure::

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Route of application	Exposure time / Frequency of treatment	Species	Method
Butane, n- (< 0.1 % butadiene) 106-97-8		inhalation: gas	28 d	rat	OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
Propane 74-98-6		inhalation: gas	28 d	rat	OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
Cetrimonium chloride 112-02-7	NOAEL 100 mg/kg	oral: gavage	28 days once daily, 5 times a week	rat	EU Method B.7 (Repeated Dose (28 Days) Toxicity (Oral))

Aspiration hazard:

No data available.

SECTION 12: Ecological information

General ecological information:
The ecological evaluation of the product is based on data from the raw material and/or comparable substances.

12.1. Toxicity

Toxicity (Fish):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Butane, n- (< 0.1 % butadiene) 106-97-8	LC50	27,98 mg/l	96 h		not specified
Cetrimonium chloride 112-02-7	NOEC	0,25 mg/l	30 d	Brachydanio rerio (new name: Danio rerio)	OECD Guideline 210 (fish early lite stage toxicity test)
Cetrimonium chloride 112-02-7	LC50	0,7 - 1 mg/l	96 h	Brachydanio rerio (new name: Danio rerio)	OECD Guideline 203 (Fish, Acute Toxicity Test)

Toxicity (Daphnia):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Butane, n- (< 0.1 % butadiene) 106-97-8	EC50	14,22 mg/l	48 h		not specified
Cetrimonium chloride 112-02-7	EC50	0,09 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Chronic toxicity to aquatic invertebrates

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Cetrimonium chloride 112-02-7	NOEC	0,0068 mg/l	21 d	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)

Toxicity (Algae):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Butane, n- (< 0.1 % butadiene) 106-97-8	EC50	7,71 mg/l	96 h		not specified
Cetrimonium chloride 112-02-7	EC50	0,08 mg/l	72 h	Selenastrum capricornutum (new name: Pseudokirchneriella subcapitata)	OECD Guideline 201 (Alga, Growth Inhibition Test)
Cetrimonium chloride 112-02-7	EC10	0,047 mg/l	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)

Toxicity to microorganisms

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Cetrimonium chloride 112-02-7	EC10	0,4 mg/l	16 h	Pseudomonas putida	DIN 38412, part 8 (Pseudomonas Zellvermehrungshemm-Test)

12.2. Persistence and degradability

Hazardous substances CAS-No.	Result	Test type	Degradability	Exposure time	Method
Cetrimonium chloride 112-02-7	inherently biodegradable	aerobic	75 %	28 d	OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test)
Cetrimonium chloride 112-02-7	readily biodegradable	aerobic	95 %	28 d	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

Hazardous substances CAS-No.	LogPow	Temperature	Method
Cetrimonium chloride 112-02-7	3,23		not specified

12.5. Results of PBT and vPvB assessment

Hazardous substances CAS-No.	PBT / vPvB
Butane, n- (< 0.1 % butadiene) 106-97-8	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Propane 74-98-6	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Cetrimonium chloride 112-02-7	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:
Consider national regulations.

SECTION 14: Transport information

14.1. UN number

ADR	1950
RID	1950
ADN	1950
IMDG	1950
IATA	1950

14.2. UN proper shipping name

ADR	AEROSOLS
RID	AEROSOLS
ADN	AEROSOLS
IMDG	AEROSOLS
IATA	Aerosols, flammable

14.3. Transport hazard class(es)

ADR	2.1
RID	2.1
ADN	2.1
IMDG	2.1
IATA	2.1

14.4. Packing group

ADR	
RID	
ADN	
IMDG	
IATA	

14.5. Environmental hazards

ADR	not applicable
RID	not applicable
ADN	not applicable
IMDG	not applicable
IATA	not applicable

14.6. Special precautions for user

ADR	not applicable Tunnelcode: (D)
RID	not applicable
ADN	not applicable
IMDG	not applicable
IATA	not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations/information (Germany):

WGK:	2, water-endangering product. (German VwVwS of May 17, 1999) Classification in conformity with the calculation method
Storage class according to TRGS 510:	2B

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

H220 Extremely flammable gas.
H302 Harmful if swallowed.
H311 Toxic in contact with skin.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

Further information:
This information is not related to the use of the product, it is based on our current level of knowledge.

Safety Data Sheet according to Regulation (EC) No 1907/2006

ABC Nymph Salt Spray

SDS No. : 672828
V001.0
Revision: 15.11.2019
printing date: 05.08.2020

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
ABC Nymph Salt Spray

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use:
Hairset, Spray non-Aerosol

1.3. Details of the supplier of the safety data sheet
Henkel AG & Co. KGaA
Düsseldorf Germany
Henkelstr. 67
40191 Düsseldorf
Phone: +49 211-797-0

E-mail address of person responsible for Safety Data Sheet:
Henkel Cosmetics, e-mail : Rolf.Bayersdoerfer@Henkel.com

1.4. Emergency telephone number
The Henkel information service also provides an around-the-clock telephone service on phone no.+49-(0)211-797-3350 for exceptional cases.
Further information is available at Poison Control Centers.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008 (CLP).

2.2. Label elements (CLP)

Remarks: The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008 (CLP).

SECTION 3: Composition/information on ingredients

3.1. Substances

3.2. Mixtures

Hazardous substances according to CLP (EC) No 1272/2008:

Contains no dangerous substances exceeding the limits of the EU-Regulation

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:
In case of adverse health effects seek medical advice.

Inhalation:
not relevant.

Skin contact:
Rinse with water. Take off all clothing contaminated by the product.

Eye contact:
Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

Ingestion:
Rinse the mouth. Drink 1-2 glasses of water.

SECTION 5: Firefighting measures

5.1. Extinguishing media
Suitable extinguishing media:
All common extinguishing agents are suitable.

Extinguishing media which must not be used for safety reasons:
None known

5.2. Special hazards arising from the substance or mixture
The release of following substances is possible in case of fire:

nitrogen oxides
carbon oxides.

5.3. Advice for firefighters
Wear self-contained breathing apparatus.
Wear protective equipment.

Additional information:
Dispose of combustion residues and contaminated fire-fighting water in accordance with statutory regulations.
Collect contaminated fire fighting water separately. It must not enter drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
No information.

6.2. Environmental precautions
Do not allow to enter drainage system, surface or ground water of not diluted product.
Do not dispose of in wastepaper bin or trash-can.

6.3. Methods and material for containment and cleaning up
Dilute small quantities with large amount of water and rinse.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling advice:
No particular measures required.

Fire and explosion protection information:
No special measures required if used properly.

Hygiene measures:
Do not eat, drink or smoke while working.
Immediately remove soiled or soaked clothing.
Wash hands before work breaks and after finishing work.
Keep away from food, beverages and animal feed.

7.2. Conditions for safe storage, including any incompatibilities
Store in sealed original container protected against moisture.
Store far from foodstuffs.

7.3. Specific end use(s)
Hairset, Spray non-Aerosol

SECTION 8: Exposure controls/personal protection

Only relevant for professional/industrial use

8.1. Control parameters
Valid for
Germany

None

8.2. Exposure controls

Engineering controls:
Ensure good ventilation/suction at the workplace.

Respiratory protection:
Not needed.

Hand protection:
For the contact with product protective gloves made from Spezial-Nitril (material thickness > 0.1 mm, break through time > 480 min class 6) are recommended according to EN 374. In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. We recommend to change single-use protective gloves periodical and a hand care plan in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.
Manufacturer e.g. German company KCL, type Dermatril.

Eye protection:
Protective goggles

Skin protection:
Suitable protective clothing

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

The following data apply to the whole mixture:

Appearance	liquid low viscosity, slightly turbid colourless/light yellow
Odor	sweet, characteristic
pH (20 °C (68 °F))	4,00 - 4,50
Initial boiling point	Not applicable
Flash point	Not applicable
Decomposition temperature	Not applicable

Vapour pressure	Not applicable
Density (20 °C (68 °F))	1,017 - 1,023 g/cm3
Bulk density	Not applicable
Viscosity	Not applicable
Viscosity (kinematic)	Not applicable
Explosive properties	Not applicable
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	Soluble
Solidification temperature	Not applicable
Melting point	Not applicable
Flammability	Not applicable
Auto-ignition temperature	Not applicable
Explosive limits	Not applicable
Partition coefficient: n-octanol/water	Not applicable
Evaporation rate	Not applicable
Vapor density	Not applicable
Oxidising properties	Not applicable
Container pressure	Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity
None if used for intended purpose.

10.2. Chemical stability
None known.

10.3. Possibility of hazardous reactions
See section reactivity
None known.

10.4. Conditions to avoid
None known.

10.5. Incompatible materials
None known.

10.6. Hazardous decomposition products
None known.

SECTION 11: Toxicological information

General toxicological information:
The present product is a chemical preparation within the meaning of the chemicals act. The following evaluation has been made on the basis of the toxicological data and content by weight of the individual ingredients.
No information exists about acute toxic, irritative or otherwise harmful effects caused by the product.

11.1. Information on toxicological effects

Acute oral toxicity:

No data available.

Acute dermal toxicity:

No data available.

Acute inhalative toxicity:

No data available.

Skin corrosion/irritation:

No data available.

Serious eye damage/irritation:

No data available.

Respiratory or skin sensitization:

No data available.

Germ cell mutagenicity:

No data available.

Carcinogenicity

No data available.

Reproductive toxicity:

No data available.

STOT-single exposure:

No data available.

STOT-repeated exposure::

No data available.

Aspiration hazard:

No data available.

SECTION 12: Ecological information

General ecological information:
The ecological evaluation of the product is based on data from the raw material and/or comparable substances.

12.1. Toxicity

Toxicity (Fish):

No data available.

Toxicity (Daphnia):

No data available.

Chronic toxicity to aquatic invertebrates

No data available.

Toxicity (Algae):

No data available.

Toxicity to microorganisms

No data available.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or vPvB.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:
Consider national regulations.

SECTION 14: Transport information

14.1. UN number

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.2. UN proper shipping name

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.3. Transport hazard class(es)

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.4. Packing group

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.5. Environmental hazards

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.6. Special precautions for user

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations/information (Germany):

WGK:	1, slightly water-endangering product. (German VwVwS of May 17, 1999) Classification in conformity with the calculation method
Storage class according to TRGS 510:	10

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

Further information:
This information is not related to the use of the product, it is based on our current level of knowledge.

Safety Data Sheet according to Regulation (EC) No 1907/2006

Authentic Beauty Concept - Flawless Primer

SDS No. : 622953
V001.0
Revision: 29.10.2018
printing date: 08.08.2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Authentic Beauty Concept - Flawless Primer

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use:
Hairset, Spray non-Aerosol

1.3. Details of the supplier of the safety data sheet
Henkel AG & Co. KGaA
Düsseldorf Germany
Henkelstr. 67
40191 Düsseldorf
Phone: +49 211-797-0

E-mail address of person responsible for Safety Data Sheet:
Henkel Cosmetics, e-mail : Rolf.Bayersdoerfer@Henkel.com

1.4. Emergency telephone number
The Henkel information service also provides an around-the-clock telephone service on phone no.+49-(0)211-797-3350 for exceptional cases.
Further information is available at Poison Control Centers.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008 (CLP).

2.2. Label elements (CLP)

Remarks: The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008 (CLP).

SECTION 3: Composition/information on ingredients

3.1. Substances

3.2. Mixtures

Hazardous substances according to CLP (EC) No 1272/2008:

Contains no dangerous substances exceeding the limits of the EU-Regulation

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:
In case of adverse health effects seek medical advice.

Inhalation:
not relevant.

Skin contact:
Rinse with water. Take off all clothing contaminated by the product.

Eye contact:
Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

Ingestion:
Rinse the mouth. Drink 1-2 glasses of water.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
All common extinguishing agents are suitable.

Extinguishing media which must not be used for safety reasons:
None known

5.2. Special hazards arising from the substance or mixture

The release of following substances is possible in case of fire:

carbon oxides.
nitrogen oxides

5.3. Advice for firefighters

Wear self-contained breathing apparatus.
Wear protective equipment.

Additional information:

Dispose of combustion residues and contaminated fire-fighting water in accordance with statutory regulations.
Collect contaminated fire fighting water separately. It must not enter drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No information.

6.2. Environmental precautions

Do not allow to enter drainage system, surface or ground water of not diluted product.
Do not dispose of in wastepaper bin or trash-can.

6.3. Methods and material for containment and cleaning up

Dilute small quantities with large amount of water and rinse.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling advice:
No particular measures required.

Fire and explosion protection information:
No special measures required if used properly.

Hygiene measures:
Do not eat, drink or smoke while working.
Immediately remove soiled or soaked clothing.
Wash hands before work breaks and after finishing work.
Keep away from food, beverages and animal feed.

7.2. Conditions for safe storage, including any incompatibilities
Store in sealed original container protected against moisture.
Store far from foodstuffs.

7.3. Specific end use(s)
Hairset, Spray non-Aerosol

SECTION 8: Exposure controls/personal protection

Only relevant for professional/industrial use

8.1. Control parameters
Valid for
Germany

None

8.2. Exposure controls

Engineering controls:
Ensure good ventilation/suction at the workplace.

Respiratory protection:
Not needed.

Hand protection:
For the contact with product protective gloves made from Spezial-Nitril (material thickness > 0.1 mm, break through time > 480 min class 6) are recommended according to EN 374. In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. We recommend to change single-use protective gloves periodical and a hand care plan in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.
Manufacturer e.g. German company KCL, type Dermatril.

Eye protection:
Protective goggles

Skin protection:
Suitable protective clothing

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

The following data apply to the whole mixture:

Appearance	liquid clear colourless
Odor	floral, woody
pH (20 °C (68 °F))	4,00 - 4,50
Initial boiling point	Not applicable
Flash point	Not applicable
Decomposition temperature	Not applicable

Vapour pressure	Not applicable
Density (20 °C (68 °F))	1,017 - 1,023 g/cm3
Bulk density	Not applicable
Viscosity	Not applicable
Viscosity (kinematic)	Not applicable
Explosive properties	Not applicable
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	Partially soluble
Solidification temperature	Not applicable
Melting point	Not applicable
Flammability	Not applicable
Auto-ignition temperature	Not applicable
Explosive limits	Not applicable
Partition coefficient: n-octanol/water	Not applicable
Evaporation rate	Not applicable
Vapor density	Not applicable
Oxidising properties	Not applicable
Container pressure	Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity
None if used for intended purpose.

10.2. Chemical stability
None known.

10.3. Possibility of hazardous reactions
See section reactivity
None known.

10.4. Conditions to avoid
None known.

10.5. Incompatible materials
None known.

10.6. Hazardous decomposition products
None known.

SECTION 11: Toxicological information

General toxicological information:
The present product is a chemical preparation within the meaning of the chemicals act. The following evaluation has been made on the basis of the toxicological data and content by weight of the individual ingredients.
No information exists about acute toxic, irritative or otherwise harmful effects caused by the product.

11.1. Information on toxicological effects

Acute oral toxicity:

No data available.

Acute dermal toxicity:

No data available.

Acute inhalative toxicity:

No data available.

Skin corrosion/irritation:

No data available.

Serious eye damage/irritation:

No data available.

Respiratory or skin sensitization:

No data available.

Germ cell mutagenicity:

No data available.

Carcinogenicity

No data available.

Reproductive toxicity:

No data available.

STOT-single exposure:

No data available.

STOT-repeated exposure::

No data available.

Aspiration hazard:

No data available.

SECTION 12: Ecological information

General ecological information:
The ecological evaluation of the product is based on data from the raw material and/or comparable substances.

12.1. Toxicity

Toxicity (Fish):

No data available.

Toxicity (Daphnia):

No data available.

Chronic toxicity to aquatic invertebrates

No data available.

Toxicity (Algae):

No data available.

Toxicity to microorganisms

No data available.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or vPvB.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:
Consider national regulations.

SECTION 14: Transport information

14.1. UN number

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.2. UN proper shipping name

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.3. Transport hazard class(es)

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.4. Packing group

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.5. Environmental hazards

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.6. Special precautions for user

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations/information (Germany):

WGK:	1, slightly water-endangering product. (German VwVwS of May 17, 1999) Classification in conformity with the calculation method
Storage class according to TRGS 510:	10

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

Further information:
This information is not related to the use of the product, it is based on our current level of knowledge.

Safety Data Sheet according to Regulation (EC) No 1907/2006

ABC Shampoo Deep Cleansing 1. Prio

SDS No. : 620712
V001.0
Revision: 26.10.2018
printing date: 08.08.2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
ABC Shampoo Deep Cleansing 1. Prio

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use:
Shampoo

1.3. Details of the supplier of the safety data sheet
Henkel AG & Co. KGaA
Düsseldorf Germany
Henkelstr. 67
40191 Düsseldorf
Phone: +49 211-797-0

E-mail address of person responsible for Safety Data Sheet:
Henkel Cosmetics, e-mail : Elisabeth.Poppe@henkel.com

1.4. Emergency telephone number
The Henkel information service also provides an around-the-clock telephone service on phone no.+49-(0)211-797-3350 for exceptional cases.
Further information is available at Poison Control Centers.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP):

Skin irritation	Category 2
Causes skin irritation.	
Serious eye irritation	Category 2
Causes serious eye irritation.	

2.2. Label elements (CLP)

Hazard pictogram:

Signal word: Warning

Hazard statement:
H315 Causes skin irritation.
H319 Causes serious eye irritation.

Precautionary statement: Prevention
P264 Wash skin thoroughly after handling.
P280 Wear protective gloves.

Precautionary statement: Response
P302+P352 IF ON SKIN: Wash with plenty of water.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.

SECTION 3: Composition/information on ingredients

3.1. Substances

3.2. Mixtures

Hazardous substances according to CLP (EC) No 1272/2008:

Hazardous substances CAS-No.	EINECS	REACH-Reg No.	Content	Classification
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	270-407-8	01-2119513401-57	>= 10- < 20 %	H315 Skin irritation 2; Dermal H318 Serious eye damage 1
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	263-058-8	01-2119489410-39	>= 3- < 4 %	H318 Serious eye damage 1 H412 Chronic hazards to the aquatic environment 3
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	263-174-9	01-2119976339-21	>= 1- < 10 %	H319 Serious eye irritation 2

For full text of the H - Phrases indicated by codes only see Section 16 "Other information".

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:
In case of adverse health effects seek medical advice.

Inhalation:
not relevant.

Skin contact:
Rinse with running water and soap.
Take off all clothing contaminated by the product.
If necessary, see a dermatologist.

Eye contact:
Rinse immediately with plenty of running water (for 10 minutes), seek medical attention from a specialist.

Ingestion:
Rinse mouth and throat. Drink 1-2 glasses of water. Seek medical advice.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
All common extinguishing agents are suitable.

Extinguishing media which must not be used for safety reasons:
None known

5.2. Special hazards arising from the substance or mixture

The release of following substances is possible in case of fire:

carbon oxides.
nitrogen oxides
Hydrogen chloride.

5.3. Advice for firefighters

Wear self-contained breathing apparatus.
Wear protective equipment.

Additional information:

Dispose of combustion residues and contaminated fire-fighting water in accordance with statutory regulations.
Collect contaminated fire fighting water separately. It must not enter drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective equipment.

6.2. Environmental precautions

Do not allow to enter drainage system, surface or ground water of not diluted product.
Do not dispose of in wastepaper bin or trash-can.

6.3. Methods and material for containment and cleaning up

Remove with liquid-absorbing material (chemical binder)
Dilute small quantities with large amount of water and rinse.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling advice:
Avoid skin and eye contact.

Fire and explosion protection information:
No special measures required if used properly.

Hygiene measures:
Do not eat, drink or smoke while working.
Immediately remove soiled or soaked clothing.
Wash hands before work breaks and after finishing work.
Keep away from food, beverages and animal feed.

7.2. Conditions for safe storage, including any incompatibilities

Store in sealed original container protected against moisture.
Store far from foodstuffs.

7.3. Specific end use(s)

Shampoo

SECTION 8: Exposure controls/personal protection

Only relevant for professional/industrial use

8.1. Control parameters

Valid for
Germany

None

8.2. Exposure controls

Engineering controls:
Ensure good ventilation/suction at the workplace.

Respiratory protection:
Not needed.

Hand protection:
For the contact with product protective gloves made from Spezial-Nitril (material thickness > 0.1 mm, break through time > 480 min class 6) are recommended according to EN 374. In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. We recommend to change single-use protective gloves periodical and a hand care plan in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.
Manufacturer e.g. German company KCL, type Dermatril.

Eye protection:
Protective goggles

Skin protection:
Suitable protective clothing

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

The following data apply to the whole mixture:

Appearance	liquid viscous, clear yellow
Odor	floral, woody
pH (20 °C (68 °F))	4,50 - 5,00
Initial boiling point	Not applicable
Flash point	Not applicable
Decomposition temperature	Not applicable
Vapour pressure	Not applicable
Density (20 °C (68 °F))	1,020 - 1,050 g/cm3
Bulk density	Not applicable
Viscosity (Haake; Instrument: Haake VT 550; 20 °C (68 °F); speed of rotation: 8 min-1; Rotary measuring system: MV II)	8.000 - 13.000 mPa.s
Viscosity (kinematic)	Not applicable
Explosive properties	Not applicable
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	Soluble
Solidification temperature	Not applicable
Melting point	Not applicable
Flammability	Not applicable
Auto-ignition temperature	Not applicable
Explosive limits	Not applicable
Partition coefficient: n-octanol/water	Not applicable
Evaporation rate	Not applicable

Vapor density	Not applicable
Oxidising properties	Not applicable
Container pressure	Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity
None if used for intended purpose.

10.2. Chemical stability
None known.

10.3. Possibility of hazardous reactions
See section reactivity
None known.

10.4. Conditions to avoid
None known.

10.5. Incompatible materials
None known.

10.6. Hazardous decomposition products
None known.

SECTION 11: Toxicological information

General toxicological information:
The present product is a chemical preparation within the meaning of the chemicals act. The following evaluation has been made on the basis of the toxicological data and content by weight of the individual ingredients.

11.1. Information on toxicological effects

Acute oral toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	LD50	2.079 mg/kg	rat	not specified
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	LD50	> 5.000 mg/kg	rat	OECD Guideline 401 (Acute Oral Toxicity)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	LD50	> 5.000 mg/kg	rat	not specified

Acute dermal toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	LD50	6.300 - 13.500 mg/kg	rabbit	not specified
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	LD50	> 2.000 mg/kg	rat	OECD Guideline 402 (Acute Dermal Toxicity)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	LD50	> 2.000 mg/kg	rat	OECD Guideline 402 (Acute Dermal Toxicity)

Acute inhalative toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Test atmosphere	Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	LC50	> 52 mg/l	vapour	4 h	rat	not specified

Skin corrosion/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	irritating		rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	moderately irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious eye damage/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	highly irritating		rabbit	not specified
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	highly irritating	24 h	rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Respiratory or skin sensitization:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Test type	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	not sensitising	Guinea pig maximisation test	guinea pig	OECD Guideline 406 (Skin Sensitisation)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	not sensitising	Guinea pig maximisation test	guinea pig	Magnusson and Kligman Method

Germ cell mutagenicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	negative	bacterial reverse mutation assay (e.g Ames test)			OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	negative	in vitro mammalian chromosome aberration test			OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)

Carcinogenicity

No data available.

Reproductive toxicity:

No data available.

STOT-single exposure:

No data available.

STOT-repeated exposure::

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Route of application	Exposure time / Frequency of treatment	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	NOAEL 195 mg/kg	oral: unspecified	chronic	rat	not specified
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	NOAEL 259 mg/kg	oral: unspecified	chronic	rat	not specified
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	NOAEL 1.000 mg/kg	oral: gavage	28 days 1 x/day, 5 x/week	rat	EU Method B.7 (Repeated Dose (28 Days) Toxicity (Oral))

Aspiration hazard:

No data available.

SECTION 12: Ecological information

General ecological information:
The ecological evaluation of the product is based on data from the raw material and/or comparable substances.

12.1. Toxicity

Toxicity (Fish):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	LC50	> 3,4 - 4,9 mg/l	96 h	Leuciscus idus	DIN 38412-15
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	NOEC	1,8 mg/l		Pimephales promelas	OECD Guideline 210 (fish early lite stage toxicity test)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	LC50	6,7 mg/l	96 h	Brachydanio rerio (new name: Danio rerio)	ISO 7346-1 (Determination of the Acute Lethal Toxicity of Substances to a Freshwater Fish [Brachydanio rerio Hamilton-Buchanan (Teleostei, Cyprinidae)]
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	NOEC	0,135 mg/l	100 d	Oncorhynchus mykiss	OECD Guideline 210 (fish early lite stage toxicity test)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	LC50	5,04 mg/l	96 h	Danio rerio	OECD Guideline 203 (Fish, Acute Toxicity Test)

Toxicity (Daphnia):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	EC50	4,53 mg/l	48 h	Ceriodaphnia sp.	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	EC50	3,7 mg/l	24 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	EC50	4,6 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Chronic toxicity to aquatic invertebrates

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	NOEC	6,3 mg/l	21 h	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	NOEC	4 mg/l	21 d	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)

Toxicity (Algae):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	EC50	5,2 mg/l	72 h	Skeletonema costatum	ISO 10253:2006 (Marine algal growth inhibition test)
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	NOEC	3,2 mg/l	72 h	Skeletonema costatum	ISO 10253:2006 (Marine algal growth inhibition test)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	EC50	2,6 mg/l	96 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	OECD Guideline 201 (Alga, Growth Inhibition Test)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	EC50	> 100 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	NOEC	10 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)

Toxicity to microorganisms

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	EC10	14 mg/l	3 h	activated sludge	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	EC0	10.000 mg/l	16 h	Pseudomonas putida	DIN 38412, part 8 (Pseudomonas Zellvermehrungshemm-Test)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	EC50	513 mg/l	3 h	activated sludge	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)

12.2. Persistence and degradability

Hazardous substances CAS-No.	Result	Test type	Degradability	Exposure time	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6		aerobic	88 %	28 d	OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test)
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	readily biodegradable	aerobic	98 %	30 d	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	readily biodegradable	aerobic	86 %	28 d	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	inherently biodegradable	aerobic	97 - 100 %	28 d	EU Method C.9 (Biodegradation: Zahn-Wellens Test)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	readily biodegradable	aerobic	82 %	28 d	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

Hazardous substances CAS-No.	LogPow	Temperature	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	-1,3	20 °C	EU Method A.8 (Partition Coefficient)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	0,24	20 °C	EU Method A.8 (Partition Coefficient)

12.5. Results of PBT and vPvB assessment

Hazardous substances CAS-No.	PBT / vPvB
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	Not fulfilling PBT (persistent/bioaccummulative/toxic) criteria

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:
Consider national regulations.

SECTION 14: Transport information

14.1. UN number

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.2. UN proper shipping name

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.3. Transport hazard class(es)

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.4. Packing group

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.5. Environmental hazards

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.6. Special precautions for user

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations/information (Germany):

WGK:	2, water-endangering product. (German VwVwS of May 17, 1999) Classification in conformity with the calculation method
Storage class according to TRGS 510:	10

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text
of all abbreviations indicated by codes in this safety data sheet are as follows:

H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.

Further information:
This information is not related to the use of the product, it is based on our current level of knowledge.

Safety Data Sheet according to Regulation (EC) No 1907/2006

FP ABC Texturizing Dry Shampoo

SDS No. : 617630
V001.0
Revision: 26.10.2018
printing date: 08.08.2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
FP ABC Texturizing Dry Shampoo

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use:
Dry Shampoo

1.3. Details of the supplier of the safety data sheet
Henkel AG & Co. KGaA
Düsseldorf Germany
Henkelstr. 67
40191 Düsseldorf
Phone: +49 211-797-0

E-mail address of person responsible for Safety Data Sheet:
Henkel Cosmetics, e-mail : Rolf.Bayersdoerfer@Henkel.com

1.4. Emergency telephone number
The Henkel information service also provides an around-the-clock telephone service on phone no.+49-(0)211-797-3350 for exceptional cases.
Further information is available at Poison Control Centers.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP):

Flammable aerosols	Category 1

Extremely flammable aerosol.
Pressurised container: May burst if heated.

2.2. Label elements (CLP)

Hazard pictogram:

Signal word:	Danger
Hazard statement:	H222 Extremely flammable aerosol. H229 Pressurised container: May burst if heated.
Precautionary statement: Prevention	P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking. P211 Do not spray on an open flame or other ignition source. P251 Do not pierce or burn, even after use.
Precautionary statement: Storage	P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

SECTION 3: Composition/information on ingredients

3.1. Substances

3.2. Mixtures

Hazardous substances according to CLP (EC) No 1272/2008:

Hazardous substances CAS-No.	EINECS	REACH-Reg No.	Content	Classification
Butane, n- (< 0.1 % butadiene) 106-97-8	203-448-7	01-2119474691-32	>= 70- < 90 %	H220 Flammable gases 1 Gases under pressure
Propane 74-98-6	200-827-9	01-2119486944-21	>= 10- < 20 %	H220 Flammable gases 1 Gases under pressure
Ethanol denatured 64-17-5	200-578-6	01-2119457610-43	>= 3- < 10 %	H225 Flammable liquids 2 H319 Serious eye irritation 2
Isobutane 75-28-5	200-857-2	01-2119485395-27	>= 1- < 10 %	H220 Flammable gases 1 Gases under pressure
Pentane 109-66-0	203-692-4	01-2119459286-30	>= 1- < 2,5 %	H225 Flammable liquids 2 H304 Aspiration hazard 1 H336 Specific target organ toxicity - single exposure 3 H411 Chronic hazards to the aquatic environment 2

For full text of the H - Phrases indicated by codes only see Section 16 "Other information".

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:
In case of adverse health effects seek medical advice.
Remove casualty immediately from danger zone. Take off immediately all contaminated clothing.

Inhalation:
Move to fresh air.

Skin contact:
Rinse with water. Take off all clothing contaminated by the product.

Eye contact:
Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

Ingestion:
Rinse the mouth. Drink 1-2 glasses of water.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
All common extinguishing agents are suitable.

Extinguishing media which must not be used for safety reasons:
None known

5.2. Special hazards arising from the substance or mixture
The release of following substances is possible in case of fire:

carbon oxides.
nitrogen oxides

5.3. Advice for firefighters
Wear self-contained breathing apparatus.
Wear protective equipment.

Additional information:
Dispose of combustion residues and contaminated fire-fighting water in accordance with statutory regulations.
Collect contaminated fire fighting water separately. It must not enter drains.
In case of fire, keep containers cool with water spray.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Take great care to avoid inhalation of the aerosol.

6.2. Environmental precautions
Do not allow to enter drainage system, surface or ground water of not diluted product.
Do not dispose of in wastepaper bin or trash-can.

6.3. Methods and material for containment and cleaning up
Dilute small quantities with large amount of water and rinse.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling advice:
No particular measures required.

Fire and explosion protection information:
Take measures to prevent the build-up of electrostatic charges.
Do not spray onto flame or red-hot objects.
Keep away from sources of ignition - no smoking.

Hygiene measures:
Do not eat, drink or smoke while working.
Immediately remove soiled or soaked clothing.
Wash hands before work breaks and after finishing work.
Keep away from food, beverages and animal feed.

7.2. Conditions for safe storage, including any incompatibilities
Store in sealed original container protected against moisture.
For aerosols: protect from direct sunshine and temperatures above 50°C.
Store far from foodstuffs.

7.3. Specific end use(s)
Dry Shampoo

SECTION 8: Exposure controls/personal protection

Only relevant for professional/industrial use

8.1. Control parameters

Valid for

Germany

Ingredient [Regulated substance]	ppm	mg/m³	Value type	Short term exposure limit category / Remarks	Remarks
Butane 106-97-8	1.000	2.400	Exposure limit(s):	4	TRGS 900
Butane 106-97-8			Short Term Exposure Classification:	Category II: substances with a resorptive effect.	TRGS 900
Propane 74-98-6	1.000	1.800	Exposure limit(s):	4	TRGS 900
Propane 74-98-6			Short Term Exposure Classification:	Category II: substances with a resorptive effect.	TRGS 900
Ethanol 64-17-5			Short Term Exposure Classification:	Category II: substances with a resorptive effect.	TRGS 900
Ethanol 64-17-5	200	380	Exposure limit(s):	2 If the AGW and BGW values are complied with, there should be no risk of reproductive damage (see Number 2.7).	TRGS 900
Isobutane 75-28-5	1.000	2.400	Exposure limit(s):	4	TRGS 900
Isobutane 75-28-5			Short Term Exposure Classification:	Category II: substances with a resorptive effect.	TRGS 900
PENTANE 109-66-0	1.000	3.000	Time Weighted Average (TWA):	Indicative	ECTLV
Pentane 109-66-0	1.000	3.000	Exposure limit(s):	2 If the AGW and BGW values are complied with, there should be no risk of reproductive damage (see Number 2.7).	TRGS 900
Pentane 109-66-0			Short Term Exposure Classification:	Category II: substances with a resorptive effect.	TRGS 900

8.2. Exposure controls

Engineering controls:
Ensure good ventilation/suction at the workplace.

Respiratory protection:
When processing in open systems with aerosol formation wear suitable respiratory protection to avoid inhalation of aerosol particles.

Hand protection:
Not needed.

Eye protection:
No special measures required if used properly.

Skin protection:
Not needed.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

The following data apply to the whole mixture:

Appearance	aerosol fine white
Odor	amber, floral, vanilla, woody
pH	Not applicable
Initial boiling point	Not applicable
Flash point	Not applicable
Decomposition temperature	Not applicable
Vapour pressure	Not applicable
Density	Not applicable
Bulk density	Not applicable
Viscosity	Not applicable
Viscosity (kinematic)	Not applicable
Explosive properties	Not applicable
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	Miscible
Solidification temperature	Not applicable
Melting point	Not applicable
Flammability	Not applicable
Auto-ignition temperature	Not applicable
Explosive limits	Not applicable
Partition coefficient: n-octanol/water	Not applicable
Evaporation rate	Not applicable
Vapor density	Not applicable
Oxidising properties	Not applicable
Container pressure (20 °C (68 °F))	3,4 - 3,8 bar
Container pressure (50 °C (122 °F))	6,8 - 7,8 bar

SECTION 10: Stability and reactivity

10.1. Reactivity
None if used for intended purpose.

10.2. Chemical stability
None known.

10.3. Possibility of hazardous reactions
See section reactivity
None known.

10.4. Conditions to avoid
Keep away from sources of ignition and naked flames.

10.5. Incompatible materials
None known.

10.6. Hazardous decomposition products
None known.

SECTION 11: Toxicological information

General toxicological information:
The present product is a chemical preparation within the meaning of the chemicals act. The following evaluation has been made on the basis of the toxicological data and content by weight of the individual ingredients.
No information exists about acute toxic, irritative or otherwise harmful effects caused by the product.

11.1. Information on toxicological effects

Acute oral toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Ethanol denatured 64-17-5	LD50	10.470 mg/kg	rat	OECD Guideline 401 (Acute Oral Toxicity)

Acute dermal toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Ethanol denatured 64-17-5	LD50	> 2.000 mg/kg	rabbit	OECD Guideline 402 (Acute Dermal Toxicity)

Acute inhalative toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Test atmosphere	Exposure time	Species	Method
Butane, n- (< 0.1 % butadiene) 106-97-8	LC50	274200 ppm	gas	4 h	rat	not specified
Propane 74-98-6	LC50	> 800000 ppm	gas	15 min	rat	not specified
Ethanol denatured 64-17-5	LC50	124,7 mg/l	vapour	4 h	rat	OECD Guideline 403 (Acute Inhalation Toxicity)
Isobutane 75-28-5	LC50	260200 ppm	gas	4 h	mouse	not specified

Skin corrosion/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Pentane 109-66-0	not irritating		rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious eye damage/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Ethanol denatured 64-17-5	Category II		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Respiratory or skin sensitization:

No data available.

Germ cell mutagenicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Butane, n- (< 0.1 % butadiene) 106-97-8	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Butane, n- (< 0.1 % butadiene) 106-97-8	negative	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Propane 74-98-6	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Propane 74-98-6	negative	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Isobutane 75-28-5	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Isobutane 75-28-5	negative	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)

Carcinogenicity

No data available.

Reproductive toxicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Test type	Route of application	Species	Method
Butane, n- (< 0.1 % butadiene) 106-97-8	NOAEL P 21,4 mg/l NOAEL F1 21,4 mg/l			rat	OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)

STOT-single exposure:

No data available.

STOT-repeated exposure::

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Route of application	Exposure time / Frequency of treatment	Species	Method
Butane, n- (< 0.1 % butadiene) 106-97-8		inhalation: gas	28 d	rat	OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
Propane 74-98-6		inhalation: gas	28 d	rat	OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
Isobutane 75-28-5		inhalation: gas	28 d	rat	OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)

Aspiration hazard:

No data available.

SECTION 12: Ecological information

General ecological information:
The ecological evaluation of the product is based on data from the raw material and/or comparable substances.

12.1. Toxicity

Toxicity (Fish):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Butane, n- (< 0.1 % butadiene) 106-97-8	LC50	27,98 mg/l	96 h		not specified
Ethanol denatured 64-17-5	LC50	> 12.000 - 16.000 mg/l	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
Pentane 109-66-0	LC 50	> 0,1 mg/l		Trout family (Salmonidae)	

Toxicity (Daphnia):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Butane, n- (< 0.1 % butadiene) 106-97-8	EC50	14,22 mg/l	48 h		not specified
Ethanol denatured 64-17-5	EC50	> 100 mg/l	24 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Pentane 109-66-0	EC50	9,74 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Chronic toxicity to aquatic invertebrates

No data available.

Toxicity (Algae):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Butane, n- (< 0.1 % butadiene) 106-97-8	EC50	7,71 mg/l	96 h		not specified
Ethanol denatured 64-17-5	EC50	> 100 mg/l	24 h	Chlorella pyrenoidosa	OECD Guideline 201 (Alga, Growth Inhibition Test)
Isobutane 75-28-5	EC50	7,71 mg/l	96 h		not specified

Toxicity to microorganisms

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Ethanol denatured 64-17-5	IC50	> 1.000 mg/l	3 h	activated sludge	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)

12.2. Persistence and degradability

Hazardous substances CAS-No.	Result	Test type	Degradability	Exposure time	Method
Ethanol denatured 64-17-5	readily biodegradable	aerobic	> 70 %	5 d	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
Pentane 109-66-0	readily biodegradable	aerobic	87 %	28 d	OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test)

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

Hazardous substances CAS-No.	LogPow	Temperature	Method
Isobutane 75-28-5	2,88	20 °C	OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method)
Pentane 109-66-0	3,45	25 °C	OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method)

12.5. Results of PBT and vPvB assessment

Hazardous substances CAS-No.	PBT / vPvB
Butane, n- (< 0.1 % butadiene) 106-97-8	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Propane 74-98-6	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Ethanol denatured 64-17-5	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Isobutane 75-28-5	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:
Consider national regulations.

SECTION 14: Transport information

14.1. UN number

ADR	1950
RID	1950
ADN	1950
IMDG	1950
IATA	1950

14.2. UN proper shipping name

ADR	AEROSOLS
RID	AEROSOLS
ADN	AEROSOLS
IMDG	AEROSOLS
IATA	Aerosols, flammable

14.3. Transport hazard class(es)

ADR	2.1
RID	2.1
ADN	2.1
IMDG	2.1
IATA	2.1

14.4. Packing group

ADR
RID
ADN
IMDG
IATA

14.5. Environmental hazards

ADR	not applicable
RID	not applicable
ADN	not applicable
IMDG	not applicable
IATA	not applicable

14.6. Special precautions for user

ADR	not applicable Tunnelcode: (D)
RID	not applicable
ADN	not applicable
IMDG	not applicable
IATA	not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations/information (Germany):

WGK:	1, slightly water-endangering product. (German VwVwS of May 17, 1999) Classification in conformity with the calculation method
Storage class according to TRGS 510:	2B

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

H220 Extremely flammable gas.
H225 Highly flammable liquid and vapor.
H304 May be fatal if swallowed and enters airways.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.

Further information:
This information is not related to the use of the product, it is based on our current level of knowledge.

Safety Data Sheet according to Regulation (EC) No 1907/2006

ABC Shampoo For Colored Hair 1. Prio

SDS No. : 621182
V001.0
Revision: 29.10.2018
printing date: 08.08.2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
ABC Shampoo For Colored Hair 1. Prio

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use:
Shampoo

1.3. Details of the supplier of the safety data sheet
Henkel AG & Co. KGaA
Düsseldorf Germany
Henkelstr. 67
40191 Düsseldorf
Phone: +49 211-797-0

E-mail address of person responsible for Safety Data Sheet:
Henkel Cosmetics, e-mail : Elisabeth.Poppe@henkel.com

1.4. Emergency telephone number
The Henkel information service also provides an around-the-clock telephone service on phone no.+49-(0)211-797-3350 for exceptional cases.
Further information is available at Poison Control Centers.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP):

Skin irritation	Category 2
Causes skin irritation.	
Serious eye irritation	Category 2
Causes serious eye irritation.	

2.2. Label elements (CLP)

Hazard pictogram:

Signal word: Warning

Hazard statement:
H315 Causes skin irritation.
H319 Causes serious eye irritation.

Precautionary statement: Prevention
P264 Wash skin thoroughly after handling.
P280 Wear protective gloves.

Precautionary statement: Response
P302+P352 IF ON SKIN: Wash with plenty of water.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.

SECTION 3: Composition/information on ingredients

3.1. Substances

3.2. Mixtures

Hazardous substances according to CLP (EC) No 1272/2008:

Hazardous substances CAS-No.	EINECS	REACH-Reg No.	Content	Classification
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	270-407-8	01-2119513401-57	>= 10- < 20 %	H315 Skin irritation 2; Dermal H318 Serious eye damage 1
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	263-058-8	01-2119489410-39	>= 3- < 4 %	H318 Serious eye damage 1 H412 Chronic hazards to the aquatic environment 3
Lactic acid 79-33-4	201-196-2	01-2119474164-39	>= 1- < 3 %	H315 Skin irritation 2; Dermal H318 Serious eye damage 1
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	263-174-9	01-2119976339-21	>= 1- < 10 %	H319 Serious eye irritation 2
Alcohols, C12-14, ethoxylated 68439-50-9			>= 0,1- < 0,25 %	H318 Serious eye damage 1 H400 Acute hazards to the aquatic environment 1 H412 Chronic hazards to the aquatic environment 3
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2			>= 0,1- < 0,25 %	H400 Acute hazards to the aquatic environment 1 H410 Chronic hazards to the aquatic environment 1

For full text of the H - Phrases indicated by codes only see Section 16 "Other information".

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:
In case of adverse health effects seek medical advice.

Inhalation:
not relevant.

Skin contact:
Rinse with running water and soap.
Take off all clothing contaminated by the product.
If necessary, see a dermatologist.

Eye contact:
Rinse immediately with plenty of running water (for 10 minutes), seek medical attention from a specialist.

Ingestion:
Rinse mouth and throat. Drink 1-2 glasses of water. Seek medical advice.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
All common extinguishing agents are suitable.

Extinguishing media which must not be used for safety reasons:
None known

5.2. Special hazards arising from the substance or mixture

The release of following substances is possible in case of fire:

carbon oxides.
nitrogen oxides
Hydrogen chloride.

5.3. Advice for firefighters

Wear self-contained breathing apparatus.
Wear protective equipment.

Additional information:

Dispose of combustion residues and contaminated fire-fighting water in accordance with statutory regulations.
Collect contaminated fire fighting water separately. It must not enter drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective equipment.

6.2. Environmental precautions

Do not allow to enter drainage system, surface or ground water of not diluted product.
Do not dispose of in wastepaper bin or trash-can.

6.3. Methods and material for containment and cleaning up

Remove with liquid-absorbing material (chemical binder)
Dilute small quantities with large amount of water and rinse.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling advice:
Avoid skin and eye contact.

Fire and explosion protection information:
No special measures required if used properly.

Hygiene measures:
Do not eat, drink or smoke while working.
Immediately remove soiled or soaked clothing.
Wash hands before work breaks and after finishing work.
Keep away from food, beverages and animal feed.

7.2. Conditions for safe storage, including any incompatibilities
Store in sealed original container protected against moisture.
Store far from foodstuffs.

7.3. Specific end use(s)
Shampoo

SECTION 8: Exposure controls/personal protection

Only relevant for professional/industrial use

8.1. Control parameters
Valid for
Germany

None

8.2. Exposure controls

Engineering controls:
Ensure good ventilation/suction at the workplace.

Respiratory protection:
Not needed.

Hand protection:
For the contact with product protective gloves made from Spezial-Nitril (material thickness > 0.1 mm, break through time > 480 min class 6) are recommended according to EN 374. In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. We recommend to change single-use protective gloves periodical and a hand care plan in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.
Manufacturer e.g. German company KCL, type Dermatril.

Eye protection:
Protective goggles

Skin protection:
Suitable protective clothing

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

The following data apply to the whole mixture:

Appearance	liquid viscous, pearlescent white
Odor	oriental, spicy, floral
pH (20 °C (68 °F))	4,30 - 4,70
Initial boiling point	Not applicable
Flash point	Not applicable
Decomposition temperature	Not applicable

Vapour pressure	Not applicable
Density (20 °C (68 °F))	1,020 - 1,050 g/cm3
Bulk density	Not applicable
Viscosity (Haake; Instrument: Haake VT 550; 20 °C (68 °F); speed of rotation: 8 min-1; Rotary measuring system: MV II)	8.000 - 13.000 mPa.s
Viscosity (kinematic)	Not applicable
Explosive properties	Not applicable
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	Soluble
Solidification temperature	Not applicable
Melting point	Not applicable
Flammability	Not applicable
Auto-ignition temperature	Not applicable
Explosive limits	Not applicable
Partition coefficient: n-octanol/water	Not applicable
Evaporation rate	Not applicable
Vapor density	Not applicable
Oxidising properties	Not applicable
Container pressure	Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity
None if used for intended purpose.

10.2. Chemical stability
None known.

10.3. Possibility of hazardous reactions
See section reactivity
None known.

10.4. Conditions to avoid
None known.

10.5. Incompatible materials
None known.

10.6. Hazardous decomposition products
None known.

SECTION 11: Toxicological information

General toxicological information:
The present product is a chemical preparation within the meaning of the chemicals act. The following evaluation has been made on the basis of the toxicological data and content by weight of the individual ingredients.

11.1. Information on toxicological effects

Acute oral toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	LD50	2.079 mg/kg	rat	not specified
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	LD50	> 5.000 mg/kg	rat	OECD Guideline 401 (Acute Oral Toxicity)
Lactic acid 79-33-4	LD50	3.543 mg/kg	rat	EPA OPP 81-1 (Acute Oral Toxicity)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	LD50	> 5.000 mg/kg	rat	not specified
Alcohols, C12-14, ethoxylated 68439-50-9	LD50	> 2.000 mg/kg	rat	OECD Guideline 401 (Acute Oral Toxicity)
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	LD50	12.500 mg/kg	rat	not specified

Acute dermal toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	LD50	6.300 - 13.500 mg/kg	rabbit	not specified
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	LD50	> 2.000 mg/kg	rat	OECD Guideline 402 (Acute Dermal Toxicity)
Lactic acid 79-33-4	LD50	> 2.000 mg/kg	rabbit	EPA OPP 81-2 (Acute Dermal Toxicity)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	LD50	> 2.000 mg/kg	rat	OECD Guideline 402 (Acute Dermal Toxicity)
Alcohols, C12-14, ethoxylated 68439-50-9	LD50	> 3.000 mg/kg	rabbit	OECD Guideline 402 (Acute Dermal Toxicity)

Acute inhalative toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Test atmosphere	Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	LC50	> 52 mg/l	vapour	4 h	rat	not specified
Lactic acid 79-33-4	LC50	> 7,94 mg/l		4 h	rat	OECD Guideline 403 (Acute Inhalation Toxicity)

Skin corrosion/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	irritating		rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	moderately irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
Lactic acid 79-33-4	irritating		rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
Alcohols, C12-14, ethoxylated 68439-50-9	not irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious eye damage/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	highly irritating		rabbit	not specified
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	highly irritating	24 h	rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Lactic acid 79-33-4	highly irritating		rabbit	In vitro
Alcohols, C12-14, ethoxylated 68439-50-9	highly irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Respiratory or skin sensitization:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Test type	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	not sensitising	Guinea pig maximisation test	guinea pig	OECD Guideline 406 (Skin Sensitisation)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	not sensitising	Guinea pig maximisation test	guinea pig	Magnusson and Kligman Method
Lactic acid 79-33-4	not sensitising	Buehler test	guinea pig	EPA OPP 81-6 (Skin Sensitisation)
Alcohols, C12-14, ethoxylated 68439-50-9	not sensitising	Guinea pig maximisation test	guinea pig	OECD Guideline 406 (Skin Sensitisation)

Germ cell mutagenicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	negative	bacterial reverse mutation assay (e.g Ames test)			OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	negative	in vitro mammalian chromosome aberration test			OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Lactic acid 79-33-4	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Lactic acid 79-33-4	negative	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Lactic acid 79-33-4	negative	mammalian cell gene mutation assay	with and without		OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Alcohols, C12-14, ethoxylated 68439-50-9	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Alcohols, C12-14, ethoxylated 68439-50-9	negative	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Alcohols, C12-14, ethoxylated 68439-50-9	negative	mammalian cell gene mutation assay	with and without		OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)

Carcinogenicity

No data available.

Reproductive toxicity:

No data available.

STOT-single exposure:

No data available.

STOT-repeated exposure::

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Route of application	Exposure time / Frequency of treatment	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	NOAEL 195 mg/kg	oral: unspecified	chronic	rat	not specified
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	NOAEL 259 mg/kg	oral: unspecified	chronic	rat	not specified
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	NOAEL 1.000 mg/kg	oral: gavage	28 days 1 x/day, 5 x/week	rat	EU Method B.7 (Repeated Dose (28 Days) Toxicity (Oral))
Lactic acid 79-33-4	NOAEL 50.000 mg/l	oral: drinking water	13 w daily	rat	not specified
Alcohols, C12-14, ethoxylated 68439-50-9	NOAEL >= 500 mg/kg	oral: feed	90 d daily	rat	OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)

Aspiration hazard:

No data available.

SECTION 12: Ecological information

General ecological information:
The ecological evaluation of the product is based on data from the raw material and/or comparable substances.

12.1. Toxicity

Toxicity (Fish):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	LC50	> 3,4 - 4,9 mg/l	96 h	Leuciscus idus	DIN 38412-15
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	NOEC	1,8 mg/l		Pimephales promelas	OECD Guideline 210 (fish early lite stage toxicity test)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	LC50	6,7 mg/l	96 h	Brachydanio rerio (new name: Danio rerio)	ISO 7346-1 (Determination of the Acute Lethal Toxicity of Substances to a Freshwater Fish [Brachydanio rerio Hamilton-Buchanan (Teleostei, Cyprinidae)]
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	NOEC	0,135 mg/l	100 d	Oncorhynchus mykiss	OECD Guideline 210 (fish early lite stage toxicity test)
Lactic acid 79-33-4	LC50	320 mg/l	96 h	Brachydanio rerio (new name: Danio rerio)	OECD Guideline 203 (Fish, Acute Toxicity Test)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	LC50	5,04 mg/l	96 h	Danio rerio	OECD Guideline 203 (Fish, Acute Toxicity Test)
Alcohols, C12-14, ethoxylated 68439-50-9	LC50	1,5 mg/l	48 h	Leuciscus idus	DIN 38412-15
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	LC50	> 0,2 - 0,8 mg/l	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)

Toxicity (Daphnia):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	EC50	4,53 mg/l	48 h	Ceriodaphnia sp.	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	EC50	3,7 mg/l	24 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Lactic acid 79-33-4	EC50	240 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	EC50	4,6 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Alcohols, C12-14, ethoxylated 68439-50-9	EC50	2,5 mg/l	24 h	Daphnia magna	DIN 38412, part 11

Chronic toxicity to aquatic invertebrates

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	NOEC	6,3 mg/l	21 h	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	NOEC	4 mg/l	21 d	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)

Toxicity (Algae):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	EC50	5,2 mg/l	72 h	Skeletonema costatum	ISO 10253:2006 (Marine algal growth inhibition test)
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	NOEC	3,2 mg/l	72 h	Skeletonema costatum	ISO 10253:2006 (Marine algal growth inhibition test)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	EC50	2,6 mg/l	96 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	OECD Guideline 201 (Alga, Growth Inhibition Test)
Lactic acid 79-33-4	NOEC	1.9 g/l	70 h	Selenastrum capricornutum (new name: Pseudokirchneriella subcapitata)	OECD Guideline 201 (Alga, Growth Inhibition Test)
Lactic acid 79-33-4	EC50	3.5 g/l	70 h	Selenastrum capricornutum (new name: Pseudokirchneriella subcapitata)	OECD Guideline 201 (Alga, Growth Inhibition Test)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	EC50	> 100 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	NOEC	10 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)
Alcohols, C12-14, ethoxylated 68439-50-9	NOEC	> 0,1 - 1 mg/l	72 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	DIN 38412-09
Alcohols, C12-14, ethoxylated 68439-50-9	EC50	0,87 mg/l	72 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	DIN 38412-09

Toxicity to microorganisms

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	EC10	14 mg/l	3 h	activated sludge	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	EC0	10.000 mg/l	16 h	Pseudomonas putida	DIN 38412, part 8 (Pseudomonas Zellvermehrungshemm-Test)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	EC50	513 mg/l	3 h	activated sludge	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)
Alcohols, C12-14, ethoxylated 68439-50-9	EC0	10.000 mg/l	30 min	Pseudomonas putida	DIN 38412, part 27 (Bacterial oxygen consumption test)

12.2. Persistence and degradability

Hazardous substances CAS-No.	Result	Test type	Degradability	Exposure time	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6		aerobic	88 %	28 d	OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test)
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	readily biodegradable	aerobic	98 %	30 d	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	readily biodegradable	aerobic	86 %	28 d	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	inherently biodegradable	aerobic	97 - 100 %	28 d	EU Method C.9 (Biodegradation: Zahn-Wellens Test)
Lactic acid 79-33-4	readily biodegradable		> 60 %		OECD 301 A - F
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	readily biodegradable	aerobic	82 %	28 d	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Alcohols, C12-14, ethoxylated 68439-50-9	readily biodegradable	aerobic	78 - 79 %	28 d	EU Method C.4-E (Determination of the "Ready" BiodegradabilityClosed Bottle Test)
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	not readily biodegradable.	aerobic	0 %	28 d	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	not inherently biodegradable	aerobic	51 %	28 d	OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test)

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

Hazardous substances CAS-No.	LogPow	Temperature	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	-1,3	20 °C	EU Method A.8 (Partition Coefficient)
Lactic acid 79-33-4	-0,62		OECD Guideline 117 (Partition Coefficient (n-octanol / water), HPLC Method)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	0,24	20 °C	EU Method A.8 (Partition Coefficient)

12.5. Results of PBT and vPvB assessment

Hazardous substances CAS-No.	PBT / vPvB
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Lactic acid 79-33-4	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	Not fulfilling PBT (persistent/bioaccummulative/toxic) criteria
Alcohols, C12-14, ethoxylated 68439-50-9	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:
Consider national regulations.

SECTION 14: Transport information

14.1. UN number

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.2. UN proper shipping name

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.3. Transport hazard class(es)

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.4. Packing group

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.5. Environmental hazards

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.6. Special precautions for user

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations/information (Germany):

WGK:	2, water-endangering product. (German VwVwS of May 17, 1999) Classification in conformity with the calculation method
Storage class according to TRGS 510:	10

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text
of all abbreviations indicated by codes in this safety data sheet are as follows:

H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

Further information:
This information is not related to the use of the product, it is based on our current level of knowledge.

Safety Data Sheet according to Regulation (EC) No 1907/2006

Authentic Beauty Care Glow Conditioner '18

SDS No. : 622466
V001.0
Revision: 29.10.2018
printing date: 08.08.2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Authentic Beauty Care Glow Conditioner '18

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use:
Hair Treatment, rinse-off

1.3. Details of the supplier of the safety data sheet
Henkel AG & Co. KGaA
Düsseldorf Germany
Henkelstr. 67
40191 Düsseldorf
Phone: +49 211-797-0

E-mail address of person responsible for Safety Data Sheet:
Henkel Cosmetics, e-mail : Elisabeth.Poppe@henkel.com

1.4. Emergency telephone number
The Henkel information service also provides an around-the-clock telephone service on phone no.+49-(0)211-797-3350 for exceptional cases.
Further information is available at Poison Control Centers.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP):
Serious eye irritation Category 2
Causes serious eye irritation.

2.2. Label elements (CLP)

Hazard pictogram:

Signal word: Warning

Hazard statement: H319 Causes serious eye irritation.

Precautionary statement: Prevention
P264 Wash skin thoroughly after handling.
P280 Wear eye protection/face protection.

Precautionary statement: Response
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.

SECTION 3: Composition/information on ingredients

3.1. Substances

3.2. Mixtures

Hazardous substances according to CLP (EC) No 1272/2008:

Hazardous substances CAS-No.	EINECS	REACH-Reg No.	Content	Classification
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	271-756-9	01-2119484817-22	>= 2,5- < 3 %	H400 Acute hazards to the aquatic environment 1 H412 Chronic hazards to the aquatic environment 3 H315 Skin irritation 2 H318 Serious eye damage 1 H373 Specific target organ toxicity - repeated exposure 2
2-Hydroxy-3-[(1-oxodocosyl)oxy]propyltrimethylammonium chloride 69537-38-8	274-033-6		>= 1- < 10 %	H315 Skin irritation 2
Fatty acids, C12-20, reaction products with triethanolamine, di-Me sulfate-quaternized 91032-11-0	293-018-5		>= 1- < 2,5 %	H400 Acute hazards to the aquatic environment 1
Stearamidopropyl Dimethylamine 7651-02-7	231-609-1	01-2119979089-19	>= 0,25- < 1 %	H318 Serious eye damage 1 H400 Acute hazards to the aquatic environment 1 H411 Chronic hazards to the aquatic environment 2
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2			>= 0,1- < 0,25 %	H400 Acute hazards to the aquatic environment 1 H410 Chronic hazards to the aquatic environment 1

For full text of the H - Phrases indicated by codes only see Section 16 "Other information".

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:
In case of adverse health effects seek medical advice.

Inhalation:
not relevant.

Skin contact:
Rinse with water. Take off all clothing contaminated by the product.

Eye contact:
Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

Ingestion:
Rinse the mouth. Drink 1-2 glasses of water.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
All common extinguishing agents are suitable.

Extinguishing media which must not be used for safety reasons:
None known

5.2. Special hazards arising from the substance or mixture

The release of following substances is possible in case of fire:

carbon oxides.
Hydrogen chloride.
nitrogen oxides
Sulphur oxides

5.3. Advice for firefighters

Wear self-contained breathing apparatus.
Wear protective equipment.

Additional information:

Dispose of combustion residues and contaminated fire-fighting water in accordance with statutory regulations.
Collect contaminated fire fighting water separately. It must not enter drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No information.

6.2. Environmental precautions

Do not allow to enter drainage system, surface or ground water of not diluted product.
Do not dispose of in wastepaper bin or trash-can.

6.3. Methods and material for containment and cleaning up

Dilute small quantities with large amount of water and rinse.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling advice:
No particular measures required.

Fire and explosion protection information:
No special measures required if used properly.

Hygiene measures:
Do not eat, drink or smoke while working.
Immediately remove soiled or soaked clothing.
Wash hands before work breaks and after finishing work.
Keep away from food, beverages and animal feed.

7.2. Conditions for safe storage, including any incompatibilities

Store in sealed original container protected against moisture.
Store far from foodstuffs.

7.3. Specific end use(s)

Hair Treatment, rinse-off

SECTION 8: Exposure controls/personal protection

Only relevant for professional/industrial use

8.1. Control parameters

Valid for
Germany

None

8.2. Exposure controls

Engineering controls:
Ensure good ventilation/suction at the workplace.

Respiratory protection:
Not needed.

Hand protection:
For the contact with product protective gloves made from Spezial-Nitril (material thickness > 0.1 mm, break through time > 480 min class 6) are recommended according to EN 374. In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. We recommend to change single-use protective gloves periodical and a hand care plan in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.
Manufacturer e.g. German company KCL, type Dermatril.

Eye protection:
Protective goggles

Skin protection:
Suitable protective clothing

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

The following data apply to the whole mixture:

Appearance	emulsion viscous white
Odor	oriental, floral, spicy
pH (20 °C (68 °F))	4,20 - 4,80
Initial boiling point	Not applicable
Flash point	Not applicable
Decomposition temperature	Not applicable
Vapour pressure	Not applicable
Density (20 °C (68 °F))	0,980 - 1,010 g/cm3
Bulk density	Not applicable
Viscosity (Brookfield; Instrument: RVDV II+; 20 °C (68 °F); speed of rotation: 20 min-1; Spindle No: 5)	2.700 - 6.700 mPa.s
Viscosity (Brookfield; Instrument: RVDV II+; 20 °C (68 °F); speed of rotation: 20 min-1; Spindle No: 5)	4.000 - 12.000 mPa.s
Viscosity (kinematic)	Not applicable
Explosive properties	Not applicable
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	Partially soluble
Solidification temperature	Not applicable
Melting point	Not applicable
Flammability	Not applicable
Auto-ignition temperature	Not applicable
Explosive limits	Not applicable

Partition coefficient: n-octanol/water	Not applicable
Evaporation rate	Not applicable
Vapor density	Not applicable
Oxidising properties	Not applicable
Container pressure	Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity
None if used for intended purpose.

10.2. Chemical stability
None known.

10.3. Possibility of hazardous reactions
See section reactivity
None known.

10.4. Conditions to avoid
None known.

10.5. Incompatible materials
None known.

10.6. Hazardous decomposition products
None known.

SECTION 11: Toxicological information

General toxicological information:
The present product is a chemical preparation within the meaning of the chemicals act. The following evaluation has been made on the basis of the toxicological data and content by weight of the individual ingredients.
No information exists about acute toxic, irritative or otherwise harmful effects caused by the product.

11.1. Information on toxicological effects

Acute oral toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Stearamidopropyl Dimethylamine 7651-02-7	LD50	3.480 mg/kg	rat	OECD Guideline 401 (Acute Oral Toxicity)
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	LD50	12.500 mg/kg	rat	not specified

Acute dermal toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Stearamidopropyl Dimethylamine 7651-02-7	LD50	> 2.000 mg/kg	rabbit	not specified

Acute inhalative toxicity:

No data available.

Skin corrosion/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
Stearamidopropyl Dimethylamine 7651-02-7	not irritating		rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious eye damage/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	irritating	24 h	rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Stearamidopropyl Dimethylamine 7651-02-7	Category 1 (irreversible effects on the eye)		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Respiratory or skin sensitization:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Test type	Species	Method
Stearamidopropyl Dimethylamine 7651-02-7	not sensitising	Guinea pig maximisation test	guinea pig	OECD Guideline 406 (Skin Sensitisation)

Germ cell mutagenicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
2-Hydroxy-3-[(1-oxodocosyl)oxy]propyltrimethylammonium chloride 69537-38-8	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		Ames Test
Stearamidopropyl Dimethylamine 7651-02-7	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Stearamidopropyl Dimethylamine 7651-02-7	negative	mammalian cell gene mutation assay	with and without		OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Stearamidopropyl Dimethylamine 7651-02-7	negative	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)

Carcinogenicity

No data available.

Reproductive toxicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Test type	Route of application	Species	Method
Stearamidopropyl Dimethylamine 7651-02-7	NOAEL P 70 mg/kg		oral: gavage	rat	OECD Guideline 421 (Reproduction / Developmental Toxicity Screening Test)

STOT-single exposure:

No data available.

STOT-repeated exposure::

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Route of application	Exposure time / Frequency of treatment	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	NOAEL 10 mg/kg	oral: gavage	28 d daily, 7 d/w	rat	EU Method B.7 (Repeated Dose (28 Days) Toxicity (Oral))
Stearamidopropyl Dimethylamine 7651-02-7	NOAEL >= 200 mg/kg	dermal	13 weeks once daily (5 days/week)	rabbit	OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)

Aspiration hazard:

No data available.

SECTION 12: Ecological information

General ecological information:
The ecological evaluation of the product is based on data from the raw material and/or comparable substances.

12.1. Toxicity

Toxicity (Fish):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	LC50	> 0,5 - 1 mg/l	96 h	Brachydanio rerio (new name: Danio rerio)	OECD Guideline 203 (Fish, Acute Toxicity Test)
2-Hydroxy-3-[(1-oxodocosyl)oxy]propyltrimethylammonium chloride 69537-38-8	NOEC	3 mg/l	30 h	Brachydanio rerio (new name: Danio rerio)	OECD Guideline 210 (fish early lite stage toxicity test)
2-Hydroxy-3-[(1-oxodocosyl)oxy]propyltrimethylammonium chloride 69537-38-8	LC50	85 mg/l	48 h	Leuciscus idus	DIN 38412-15
Stearamidopropyl Dimethylamine 7651-02-7	NOEC	0,1 mg/l	9 d	Danio rerio	OECD Guideline 212 (Fish, Short-term Toxicity Test on Embryo and Sac-Fry Stages)
Stearamidopropyl Dimethylamine 7651-02-7	LC50	> 0,1 - 1 mg/l	96 h	Salmo gairdneri (new name: Oncorhynchus mykiss)	OECD Guideline 203 (Fish, Acute Toxicity Test)
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	LC50	> 0,2 - 0,8 mg/l	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)

Toxicity (Daphnia):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	EC50	1,4 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
2-Hydroxy-3-[(1-oxodocosyl)oxy]propyltrimethylammonium chloride 69537-38-8	EC50	270 mg/l	24 h	Daphnia magna	not specified
Fatty acids, C12-20, reaction products with triethanolamine, di-Me sulfate-quaternized 91032-11-0	EC50	0,52 mg/l	48 h	Daphnia magna	not specified
Stearamidopropyl Dimethylamine 7651-02-7	EC50	0,381 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Chronic toxicity to aquatic invertebrates

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	NOEC	0,128 mg/l	21 d	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)
Stearamidopropyl Dimethylamine 7651-02-7	NOEC	0,2 mg/l	21 d	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)

Toxicity (Algae):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	EC50	3,4 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)
Stearamidopropyl Dimethylamine 7651-02-7	EC10	0,071 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)
Stearamidopropyl Dimethylamine 7651-02-7	EC50	0,14 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)

Toxicity to microorganisms

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	EC 50	43 mg/l			OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)
Stearamidopropyl Dimethylamine 7651-02-7	EC10	32 mg/l	16 h		DIN 38412, part 8 (Pseudomonas Zellvermehrungshemm-Test)

12.2. Persistence and degradability

Hazardous substances CAS-No.	Result	Test type	Degradability	Exposure time	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9		aerobic	> 80 %		OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test)
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	readily biodegradable	aerobic	80 %	28 d	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
2-Hydroxy-3-[(1-oxodocosyl)oxy]propyltrimethylammonium chloride 69537-38-8	readily biodegradable, but failing 10-day window	aerobic	67 - 76 %	30 d	EU Method C.4-E (Determination of the "Ready" BiodegradabilityClosed Bottle Test)
Fatty acids, C12-20, reaction products with triethanolamine, di-Me sulfate-quaternized 91032-11-0		aerobic	94 %	28 d	ISO 10708 (BODIS-Test)
Stearamidopropyl Dimethylamine 7651-02-7	readily biodegradable	aerobic	88 %	28 d	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	not readily biodegradable.	aerobic	0 %	28 d	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	not inherently biodegradable	aerobic	51 %	28 d	OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test)

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

Hazardous substances CAS-No.	LogPow	Temperature	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	3,29	20 °C	not specified
Stearamidopropyl Dimethylamine 7651-02-7	2,01	20 °C	EU Method A.8 (Partition Coefficient)

12.5. Results of PBT and vPvB assessment

Hazardous substances CAS-No.	PBT / vPvB
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Fatty acids, C12-20, reaction products with triethanolamine, di-Me sulfate-quaternized 91032-11-0	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Stearamidopropyl Dimethylamine 7651-02-7	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:
Consider national regulations.

SECTION 14: Transport information

14.1. UN number

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.2. UN proper shipping name

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.3. Transport hazard class(es)

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.4. Packing group

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.5. Environmental hazards

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.6. Special precautions for user

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations/information (Germany):

WGK:	2, water-endangering product. (German VwVwS of May 17, 1999) Classification in conformity with the calculation method
Storage class according to TRGS 510:	10

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

H315 Causes skin irritation.
H318 Causes serious eye damage.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

Further information:
This information is not related to the use of the product, it is based on our current level of knowledge.

Revision Number: 001.1 **Issue date:** 12/16/2019

1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

Product identifier used on the label: Authentic Beauty Concept Glow Essence

Recommended use of the chemical and restrictions on use: Hair Treatment, leave-on

Name, address and telephone number of the chemical manufacturer:
Henkel Corporation
One Henkel Way
Rocky Hill CT 06067

CHEMTREC: 1-800-424-9300 (24 hours daily)
Internet: www.henkel-northamerica.com

Emergency telephone number: Medical Emergencies:1-800-258-3425

2. HAZARDS IDENTIFICATION

The hazards described in this Globally Harmonized System Safety Data Sheet (SDS) are not intended for consumers, and does not address consumer use of the product. For information regarding consumer applications of this product, refer to the product label.

Classification of the substance or mixture in accordance with paragraph (d) of §1910.1200

HAZARD CLASS	HAZARD CATEGORY
ASPIRATION HAZARD	1

Signal word, hazard statement(s), symbol(s) and precautionary statement(s) in accordance with paragraph (f) of §1910.1200

Signal word: DANGER
Hazard Statement(s):
May be fatal if swallowed and enters airways.

Symbol(s):

Precautionary Statements:

Prevention: Not prescribed
Response: IF SWALLOWED: Immediately call a physician or poison control center. Do NOT induce vomiting.
Storage: Store locked up.

Disposal: Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

Hazards not otherwise classified: Not available.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

The following chemicals are classified as health hazards in accordance with paragraph (d) of § 1910.1200.

Chemical Name*	CAS Number (Unique Identifier)	Concentration
Myristic acid isopropylester	110-27-0	>= 20 - < 30 %
Undecane	1120-21-4	>= 10 - < 20 %
Tridecane	629-50-5	>= 5 - < 10 %

*The specific chemical identity and/or exact percentage (concentration) of composition has been withheld because a trade secret is claimed in accordance with paragraph (i) of §1910.1200.

Actual concentration or concentration range is withheld as a trade secret

4. FIRST AID MEASURES

Description of necessary measures

Inhalation: First aid measures not required.
Skin contact: First aid measures not required. Cosmetic product and therefore not necessary.
Eye contact: Rinse eyes immediately with plenty of water, occasionally lifting upper and lower lids, until no evidence of product remains. Get medical attention if pain or irritation develops.
Ingestion: Dilution by rinsing the mouth and giving water or milk to drink is generally recommended. Contact physician or local poison control center.

Most important symptoms and effects, both acute and delayed

After eye contact: May cause mild transient irritation After skin contact: No adverse effects anticipated from normal use. After inhalation: Unlikely to occur due to the physical properties of the product. At elevated temperatures, vapors or mists may cause irritation. After ingestion: May be fatal if swallowed and enters airways.

Indication of any immediate medical attention and special treatment needed

After eye contact: Rinse eyes with plenty of water until no evidence of product remains. Get medical attention if irritation persists. After skin contact: Rinse affected area with mild soap and water until no evidence of product remains. After inhalation: No particular measures required. Remove from exposure area to fresh air. After ingestion: May be fatal if swallowed and enters airways. Do not induce vomiting.

5. FIRE FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Dry chemical, carbon dioxide, water spray or regular foam.

Unsuitable extinguishing media: None known

Specific hazards arising from the chemical

carbon oxides. nitrogen oxides

Special protective equipment and precautions for fire-fighters

In case of fire, wear a full-face positive-pressure self-contained breathing apparatus and protective suit. Avoid breathing vapors, keep upwind. Isolate area. Keep unnecessary personnel away.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear skin, eye and respiratory protection as recommended in Section 8. Stop leak if you can do it without risk. Spills present a slipping hazard. Keep unnecessary personnel away. Ventilate spill area if possible. Make sure area is slip-free before re-opening to traffic.

Environmental precautions

Small or household quantities may be disposed in sewer or other liquid waste system. For larger quantities check with your local disposal authorities.

Methods and materials for containment and cleaning up

SMALL SPILLS: Contain and absorb with sand or other absorbent material and place into clean, dry containers for later disposal. Wash site of spillage thoroughly with water. LARGE SPILLS: Dike far ahead of spill to prevent further movement. Recover by pumping or by using a suitable absorbent material and place into containers for later disposal. Dispose in suitable waste container.

7. HANDLING AND STORAGE

Precautions for safe handling

Do not get in eyes. Do not take internally. Use with adequate ventilation. Avoid generating aerosols and mists.

Conditions for safe storage, including any incompatibilities

Store in original containers in a cool dry area. Storage areas for large quantities (warehouse) should be well ventilated. Keep the containers tightly closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Myristic acid isopropylester	None	None	None	None
Undecane	None	None	None	None
Tridecane	None	None	None	None

Appropriate engineering controls

Provide local exhaust or general dilution ventilation to keep exposure to airborne contaminants below the permissible exposure limits where mists or vapors may be generated.

Individual protection measures

Respiratory: Air contamination monitoring should be carried out where mists or vapors are likely to be generated, to assure that the employees are not exposed to airborne contaminants above the permissible exposure limits.

Eye: Splash-proof safety glasses are required to prevent eye contact where splashing of product may occur.

Hand/Body: Protective gloves are required where repeated or prolonged skin contact may occur. Protective clothing is required where repeated or prolonged skin contact may occur.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: oil
colourless
Odor: floral, oriental, spicy
Odor threshold: Not available.
pH: Not available.
Melting point/ range: Not available.
Boiling point/range: Not available.
Flash point: Not applicable
Evaporation rate: Not available.
Flammable/Explosive limits - lower: Not available.
Flammable/Explosive limits - upper: Not available.
Vapor pressure: Not available.
Vapor density: Not available.
Solubility in water: Insoluble
Partition coefficient (n-octanol/water): Not available.
Autoignition temperature: Not available.
Decomposition temperature: Not available.
Viscosity: Not available.
VOC content: Not available.

10. STABILITY AND REACTIVITY

Reactivity: This product may react with strong alkalies.

Chemical stability: Stable under normal ambient temperature (70°F, 21°C) and pressure (1 atm).

Possibility of hazardous reactions: Hazardous polymerization has not been reported to occur under normal temperatures and pressures.

Conditions to avoid: Avoid storing in direct sunlight and avoid extremes of temperature.

Incompatible materials: Strong oxidizers and alkalis.

Hazardous decomposition products: Oxides of carbon. Oxides of nitrogen.

11. TOXICOLOGICAL INFORMATION

Likely routes of exposure including symptoms related to characteristics

Inhalation: Unlikely to occur due to the physical properties of the product. At elevated temperatures, vapors or mists may cause irritation.
Skin contact: Not a hazard under normal conditions of use.
Eye contact: May cause mild transient irritation
Ingestion: Aspiration may occur during swallowing or vomiting, resulting in lung damage.
Physical/Chemical: No physical/chemical hazards are anticipated for this product.

Other relevant toxicity information: This product is a personal care or cosmetic product. The use of this product by consumers is safe under normal and reasonable foreseen use.

Numerical measures of toxicity, including delayed and immediate effect

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Myristic acid isopropylester	Dermal LD50 (RABBIT) = 5 g/kg	Irritant
Undecane	None	No Data
Tridecane	None	No Data

Carcinogenicity information

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Myristic acid isopropylester	No	No	No
Undecane	No	No	No
Tridecane	No	No	No

Carcinogenicity None of the ingredients in this product are listed as carcinogens by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP) or the Occupational Safety and Health Administration (OSHA).
Mutagenicity None of the ingredients in this product are known to cause mutagenicity.
Toxicity for reproduction None of the ingredients in this product are known as reproductive, fetal, or developmental hazards.

12. ECOLOGICAL INFORMATION

Aquatic Toxicity:

This product is anticipated to be safe for the environment at concentrations predicted in household settings under normal use conditions. The following toxicity information is available for the hazardous ingredient(s) when used as technical grade and is provided as reference for the occupational settings.

Toxicity to fish:

The aquatic toxicity profile of this product has not been determined.

Toxicity to aquatic invertebrates:

The aquatic toxicity profile of this product has not been determined.

Toxicity to algae:

The aquatic toxicity profile of this product has not been determined.

Persistence and degradability

Hazardous substances CAS-No.	Result value	Route of application	Species	Method
Myristic acid isopropylester 110-27-0	readily biodegradable	aerobic	91.4 %	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)

Bioaccumulative potential

The bioaccumulation potential of this product has not been determined.

Mobility in soil

The mobility of this product (in soil and water) has not been determined.

13. DISPOSAL CONSIDERATIONS

Description of waste residues:

Hazardous waste number: Not regulated

Safe handling and disposal methods:

Recommended method of disposal: This product is not a RCRA hazardous waste and can be disposed of in accordance with federal, state and local regulations.

Disposal of uncleaned packages: Place in trash.

14. TRANSPORT INFORMATION

The information in this section is for reference only and should not take the place of a shipping paper (bill of lading) specific to an order. Please note that the proper shipping classification may vary by packaging, properties, and mode of transportation.

U.S. Department of Transportation Ground (49 CFR)

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

International Air Transportation (ICAO/IATA)

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

Water Transportation (IMO/IMDG)

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

15. REGULATORY INFORMATION

Occupational safety and health act: Hazard Communication Standard, 29 CFR 1910.1200(g) Appendix D: The Occupational Safety and Health Administration (OSHA) require that the Safety Data Sheets (SDSs) are readily accessible to employees for all hazardous chemicals in the workplace. Since the use pattern and exposure in the workplace are generally not consistent with those experienced by consumers, this SDS may contain health hazard information not relevant to consumer use.

United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed as active or are exempt from listing on the Toxic Substances Control Act (TSCA) inventory.

TSCA 12 (b) Export Notification: None above reporting de minimis

CERCLA/SARA Section 302 EHS: None above reporting de minimis.
CERCLA/SARA Section 311/312: Not available.
CERCLA/SARA Section 313: None above reporting de minimis.

California Proposition 65: Not available.

Canada Regulatory Information

CEPA DSL/NDSL Status: One or more components are not listed on, and are not exempt from listing on either the Domestic Substances List or the Non-Domestic Substances List.

16. OTHER INFORMATION

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This safety data sheet contains changes from the previous version in sections: New Safety Data Sheet format.

Prepared by: R&D Support Services

Issue date: 12/16/2019

Safety Data Sheet according to Regulation (EC) No 1907/2006

Authentic Beauty Care Glow Mask

SDS No. : 622667
V001.0
Revision: 05.11.2018
printing date: 08.08.2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Authentic Beauty Care Glow Mask

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use:
Hair Treatment, rinse-off

1.3. Details of the supplier of the safety data sheet
Henkel AG & Co. KGaA
Düsseldorf Germany
Henkelstr. 67
40191 Düsseldorf
Phone: +49 211-797-0

E-mail address of person responsible for Safety Data Sheet:
Henkel Cosmetics, e-mail : Elisabeth.Poppe@henkel.com

1.4. Emergency telephone number
The Henkel information service also provides an around-the-clock telephone service on phone no.+49-(0)211-797-3350 for exceptional cases.
Further information is available at Poison Control Centers.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP):

Serious eye damage	Category 1
Causes serious eye damage.	
Chronic hazards to the aquatic environment	Category 3
Harmful to aquatic life with long lasting effects.	

2.2. Label elements (CLP)

Hazard pictogram:

Signal word:	Danger
Hazard statement:	H318 Causes serious eye damage. H412 Harmful to aquatic life with long lasting effects.
Precautionary statement: Prevention	P273 Avoid release to the environment. P280 Wear eye protection/face protection.
Precautionary statement: Response	P305+P351+P338+P315 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.
Precautionary statement: Disposal	P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

SECTION 3: Composition/information on ingredients

3.1. Substances

3.2. Mixtures

Hazardous substances according to CLP (EC) No 1272/2008:

Hazardous substances CAS-No.	EINECS	REACH-Reg No.	Content	Classification
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	271-756-9	01-2119484817-22	>= 3- < 10 %	H400 Acute hazards to the aquatic environment 1 H412 Chronic hazards to the aquatic environment 3 H315 Skin irritation 2 H318 Serious eye damage 1 H373 Specific target organ toxicity - repeated exposure 2
2-Hydroxy-3-[(1-oxodocosyl)oxy]propyltrimethylammonium chloride 69537-38-8	274-033-6		>= 1- < 10 %	H315 Skin irritation 2
Fatty acids, C12-20, reaction products with triethanolamine, di-Me sulfate-quaternized 91032-11-0	293-018-5		>= 1- < 2,5 %	H400 Acute hazards to the aquatic environment 1
Stearamidopropyl Dimethylamine 7651-02-7	231-609-1	01-2119979089-19	>= 1- < 2,5 %	H318 Serious eye damage 1 H400 Acute hazards to the aquatic environment 1 H411 Chronic hazards to the aquatic environment 2
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2			>= 0,25- < 1 %	H400 Acute hazards to the aquatic environment 1 H410 Chronic hazards to the aquatic environment 1

For full text of the H - Phrases indicated by codes only see Section 16 "Other information".

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:
In case of adverse health effects seek medical advice.
Remove casualty immediately from danger zone. Take off immediately all contaminated clothing.

Inhalation:
not relevant.

Skin contact:
Rinse with water. Take off all clothing contaminated by the product.

Eye contact:
Rinse immediately with plenty of running water (for 10 minutes), seek medical attention from a specialist.

Ingestion:
Rinse mouth and throat. Drink 1-2 glasses of water. Seek medical advice.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
All common extinguishing agents are suitable.

Extinguishing media which must not be used for safety reasons:
None known

5.2. Special hazards arising from the substance or mixture

The release of following substances is possible in case of fire:

carbon oxides.
nitrogen oxides
Hydrogen bromide
Sulphur oxides

5.3. Advice for firefighters

Wear self-contained breathing apparatus.
Wear protective equipment.

Additional information:

Dispose of combustion residues and contaminated fire-fighting water in accordance with statutory regulations.
Collect contaminated fire fighting water separately. It must not enter drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective equipment.

6.2. Environmental precautions

Do not empty into drains / surface water / ground water.
Inform authorities in the event of product spillage to water courses or sewage systems.

6.3. Methods and material for containment and cleaning up

Remove with liquid-absorbing material (chemical binder)
Dilute small quantities with large amount of water and rinse.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling advice:
Avoid skin and eye contact.

Fire and explosion protection information:
No special measures required if used properly.

Hygiene measures:
Do not eat, drink or smoke while working.
Immediately remove soiled or soaked clothing.
Wash hands before work breaks and after finishing work.
Keep away from food, beverages and animal feed.

7.2. Conditions for safe storage, including any incompatibilities
Store in sealed original container protected against moisture.
Store far from foodstuffs.

7.3. Specific end use(s)
Hair Treatment, rinse-off

SECTION 8: Exposure controls/personal protection

Only relevant for professional/industrial use

8.1. Control parameters
Valid for
Germany

Ingredient [Regulated substance]	ppm	mg/m³	Value type	Short term exposure limit category / Remarks	Remarks
Dodecane 112-40-3		600	Exposure limit(s):	2	TRGS 900
Dodecane 112-40-3			Short Term Exposure Classification:	Category II: substances with a resorptive effect.	TRGS 900

8.2. Exposure controls

Engineering controls:
Ensure good ventilation/suction at the workplace.

Respiratory protection:
Not needed.

Hand protection:
For the contact with product protective gloves made from Spezial-Nitril (material thickness > 0.1 mm, break through time > 480 min class 6) are recommended according to EN 374. In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. We recommend to change single-use protective gloves periodical and a hand care plan in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.
Manufacturer e.g. German company KCL, type Dermatril.

Eye protection:
Protective goggles

Skin protection:
Suitable protective clothing

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

The following data apply to the whole mixture:

Appearance	emulsion high viscosity white
Odor	oriental, floral, spicy
pH (20 °C (68 °F))	4,20 - 4,80
Initial boiling point	Not applicable
Flash point	Not applicable
Decomposition temperature	Not applicable
Vapour pressure	Not applicable
Density (20 °C (68 °F))	0,980 - 1,010 g/cm3
Bulk density	Not applicable
Viscosity (Brookfield; Instrument: RVDV II+; 20 °C (68 °F); speed of rotation: 20 min-1; Spindle No: 6)	10.500 - 25.000 mPa.s
Viscosity (kinematic)	Not applicable
Explosive properties	Not applicable
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	Partially soluble
Solidification temperature	Not applicable
Melting point	Not applicable
Flammability	Not applicable
Auto-ignition temperature	Not applicable
Explosive limits	Not applicable
Partition coefficient: n-octanol/water	Not applicable
Evaporation rate	Not applicable
Vapor density	Not applicable
Oxidising properties	Not applicable
Container pressure	Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity
None if used for intended purpose.

10.2. Chemical stability
None known.

10.3. Possibility of hazardous reactions
See section reactivity
None known.

10.4. Conditions to avoid
None known.

10.5. Incompatible materials
None known.

10.6. Hazardous decomposition products
None known.

SECTION 11: Toxicological information

General toxicological information:
The present product is a chemical preparation within the meaning of the chemicals act. The following evaluation has been made on the basis of the toxicological data and content by weight of the individual ingredients.

11.1. Information on toxicological effects

Acute oral toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Stearamidopropyl Dimethylamine 7651-02-7	LD50	3.480 mg/kg	rat	OECD Guideline 401 (Acute Oral Toxicity)
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	LD50	12.500 mg/kg	rat	not specified

Acute dermal toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Stearamidopropyl Dimethylamine 7651-02-7	LD50	> 2.000 mg/kg	rabbit	not specified

Acute inhalative toxicity:

No data available.

Skin corrosion/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
Stearamidopropyl Dimethylamine 7651-02-7	not irritating		rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious eye damage/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	irritating	24 h	rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Stearamidopropyl Dimethylamine 7651-02-7	Category 1 (irreversible effects on the eye)		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Respiratory or skin sensitization:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Test type	Species	Method
Stearamidopropyl Dimethylamine 7651-02-7	not sensitising	Guinea pig maximisation test	guinea pig	OECD Guideline 406 (Skin Sensitisation)

Germ cell mutagenicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
2-Hydroxy-3-[(1-oxodocosyl)oxy]propyltrimethylammonium chloride 69537-38-8	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		Ames Test
Stearamidopropyl Dimethylamine 7651-02-7	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Stearamidopropyl Dimethylamine 7651-02-7	negative	mammalian cell gene mutation assay	with and without		OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Stearamidopropyl Dimethylamine 7651-02-7	negative	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)

Carcinogenicity

No data available.

Reproductive toxicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Test type	Route of application	Species	Method
Stearamidopropyl Dimethylamine 7651-02-7	NOAEL P 70 mg/kg		oral: gavage	rat	OECD Guideline 421 (Reproduction / Developmental Toxicity Screening Test)

STOT-single exposure:

No data available.

STOT-repeated exposure::

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Route of application	Exposure time / Frequency of treatment	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	NOAEL 10 mg/kg	oral: gavage	28 d daily, 7 d/w	rat	EU Method B.7 (Repeated Dose (28 Days) Toxicity (Oral))
Stearamidopropyl Dimethylamine 7651-02-7	NOAEL >= 200 mg/kg	dermal	13 weeks once daily (5 days/week)	rabbit	OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)

Aspiration hazard:

No data available.

SECTION 12: Ecological information

General ecological information:
The ecological evaluation of the product is based on data from the raw material and/or comparable substances.

12.1. Toxicity

Toxicity (Fish):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	LC50	> 0,5 - 1 mg/l	96 h	Brachydanio rerio (new name: Danio rerio)	OECD Guideline 203 (Fish, Acute Toxicity Test)
2-Hydroxy-3-[(1-oxodocosyl)oxy]propyltrimethylammonium chloride 69537-38-8	NOEC	3 mg/l	30 h	Brachydanio rerio (new name: Danio rerio)	OECD Guideline 210 (fish early lite stage toxicity test)
2-Hydroxy-3-[(1-oxodocosyl)oxy]propyltrimethylammonium chloride 69537-38-8	LC50	85 mg/l	48 h	Leuciscus idus	DIN 38412-15
Stearamidopropyl Dimethylamine 7651-02-7	NOEC	0,1 mg/l	9 d	Danio rerio	OECD Guideline 212 (Fish, Short-term Toxicity Test on Embryo and Sac-Fry Stages)
Stearamidopropyl Dimethylamine 7651-02-7	LC50	> 0,1 - 1 mg/l	96 h	Salmo gairdneri (new name: Oncorhynchus mykiss)	OECD Guideline 203 (Fish, Acute Toxicity Test)
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	LC50	> 0,2 - 0,8 mg/l	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)

Toxicity (Daphnia):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	EC50	1,4 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
2-Hydroxy-3-[(1-oxodocosyl)oxy]propyltrimethylammonium chloride 69537-38-8	EC50	270 mg/l	24 h	Daphnia magna	not specified
Fatty acids, C12-20, reaction products with triethanolamine, di-Me sulfate-quaternized 91032-11-0	EC50	0,52 mg/l	48 h	Daphnia magna	not specified
Stearamidopropyl Dimethylamine 7651-02-7	EC50	0,381 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Chronic toxicity to aquatic invertebrates

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	NOEC	0,128 mg/l	21 d	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)
Stearamidopropyl Dimethylamine 7651-02-7	NOEC	0,2 mg/l	21 d	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)

Toxicity (Algae):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	EC50	3,4 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)
Stearamidopropyl Dimethylamine 7651-02-7	EC10	0,071 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)
Stearamidopropyl Dimethylamine 7651-02-7	EC50	0,14 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)

Toxicity to microorganisms

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	EC 50	43 mg/l			OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)
Stearamidopropyl Dimethylamine 7651-02-7	EC10	32 mg/l	16 h		DIN 38412, part 8 (Pseudomonas Zellvermehrungshemm-Test)

12.2. Persistence and degradability

Hazardous substances CAS-No.	Result	Test type	Degradability	Exposure time	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9		aerobic	> 80 %		OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test)
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	readily biodegradable	aerobic	80 %	28 d	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
2-Hydroxy-3-[(1-oxodocosyl)oxy]propyltrimethylammonium chloride 69537-38-8	readily biodegradable, but failing 10-day window	aerobic	67 - 76 %	30 d	EU Method C.4-E (Determination of the "Ready" BiodegradabilityClosed Bottle Test)
Fatty acids, C12-20, reaction products with triethanolamine, di-Me sulfate-quaternized 91032-11-0		aerobic	94 %	28 d	ISO 10708 (BODIS-Test)
Stearamidopropyl Dimethylamine 7651-02-7	readily biodegradable	aerobic	88 %	28 d	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	not readily biodegradable.	aerobic	0 %	28 d	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	not inherently biodegradable	aerobic	51 %	28 d	OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test)

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

Hazardous substances CAS-No.	LogPow	Temperature	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	3,29	20 °C	not specified
Stearamidopropyl Dimethylamine 7651-02-7	2,01	20 °C	EU Method A.8 (Partition Coefficient)

12.5. Results of PBT and vPvB assessment

Hazardous substances CAS-No.	PBT / vPvB
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Fatty acids, C12-20, reaction products with triethanolamine, di-Me sulfate-quaternized 91032-11-0	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Stearamidopropyl Dimethylamine 7651-02-7	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:
Consider national regulations.

SECTION 14: Transport information

14.1. UN number

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.2. UN proper shipping name

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.3. Transport hazard class(es)

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.4. Packing group

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.5. Environmental hazards

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.6. Special precautions for user

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations/information (Germany):

WGK:	2, water-endangering product. (German VwVwS of May 17, 1999) Classification in conformity with the calculation method
Storage class according to TRGS 510:	10

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

H315 Causes skin irritation.
H318 Causes serious eye damage.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

Further information:
This information is not related to the use of the product, it is based on our current level of knowledge.

Safety Data Sheet according to Regulation (EC) No 1907/2006

Authentic Beauty Concept Wax Paste

SDS No. : 623778
V001.0
Revision: 29.10.2018
printing date: 08.08.2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Authentic Beauty Concept Wax Paste

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use:
Hair Wax

1.3. Details of the supplier of the safety data sheet
Henkel AG & Co. KGaA
Düsseldorf Germany
Henkelstr. 67
40191 Düsseldorf
Phone: +49 211-797-0

E-mail address of person responsible for Safety Data Sheet:
Henkel Cosmetics, e-mail : Rolf.Bayersdoerfer@Henkel.com

1.4. Emergency telephone number
The Henkel information service also provides an around-the-clock telephone service on phone no.+49-(0)211-797-3350 for exceptional cases.
Further information is available at Poison Control Centers.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP):

Skin irritation	Category 2
Causes skin irritation.	
Chronic hazards to the aquatic environment	Category 3
Harmful to aquatic life with long lasting effects.	

2.2. Label elements (CLP)

Hazard pictogram:

Signal word:	Warning
Hazard statement:	H315 Causes skin irritation. H412 Harmful to aquatic life with long lasting effects.
Precautionary statement: Prevention	P264 Wash skin thoroughly after handling. P273 Avoid release to the environment. P280 Wear protective gloves.
Precautionary statement: Response	P332+P313 If skin irritation occurs: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse.
Precautionary statement: Disposal	P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

SECTION 3: Composition/information on ingredients

3.1. Substances

3.2. Mixtures

Hazardous substances according to CLP (EC) No 1272/2008:

Hazardous substances CAS-No.	EINECS	REACH-Reg No.	Content	Classification
Glycols, polyethylene, phosphate (3:1), tridodecyl ether 4EO 31800-90-5			>= 1- < 10 %	H315 Skin irritation 2
Fatty alcohol ethox. C16-18 unsat. 68920-66-1			>= 2,5- < 10 %	H315 Skin irritation 2 H411 Chronic hazards to the aquatic environment 2

For full text of the H - Phrases indicated by codes only see Section 16 "Other information".

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:
In case of adverse health effects seek medical advice.

Inhalation:
not relevant.

Skin contact:
Rinse with running water and soap.
Take off all clothing contaminated by the product.
If necessary, see a dermatologist.

Eye contact:
Rinse immediately with plenty of running water (for 10 minutes), seek medical attention from a specialist.

Ingestion:
Rinse mouth and throat. Drink 1-2 glasses of water. Seek medical advice.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
All common extinguishing agents are suitable.

Extinguishing media which must not be used for safety reasons:
None known

5.2. Special hazards arising from the substance or mixture

The release of following substances is possible in case of fire:

carbon oxides.
Carbon dioxide
carbon monoxide
nitrogen oxides

5.3. Advice for firefighters

Wear self-contained breathing apparatus.
Wear protective equipment.

Additional information:

Dispose of combustion residues and contaminated fire-fighting water in accordance with statutory regulations.
Collect contaminated fire fighting water separately. It must not enter drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective equipment.

6.2. Environmental precautions

Do not allow to enter drainage system, surface or ground water of not diluted product.
Do not dispose of in wastepaper bin or trash-can.

6.3. Methods and material for containment and cleaning up

Remove with liquid-absorbing material (chemical binder)
Dilute small quantities with large amount of water and rinse.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling advice:
Avoid skin and eye contact.

Fire and explosion protection information:
No special measures required if used properly.

Hygiene measures:
Do not eat, drink or smoke while working.
Immediately remove soiled or soaked clothing.
Wash hands before work breaks and after finishing work.
Keep away from food, beverages and animal feed.

7.2. Conditions for safe storage, including any incompatibilities

Store in sealed original container protected against moisture.
Store far from foodstuffs.

7.3. Specific end use(s)

Hair Wax

SECTION 8: Exposure controls/personal protection

Only relevant for professional/industrial use

8.1. Control parameters

Valid for

Germany

Ingredient [Regulated substance]	ppm	mg/m³	Value type	Short term exposure limit category / Remarks	Remarks
Kaolin 1332-58-7		1,25	Exposure limit(s):		TRGS 900
Kaolin 1332-58-7		10	Exposure limit(s):	2	TRGS 900
Kaolin 1332-58-7			Short Term Exposure Classification:	Category II: substances with a resorptive effect.	TRGS 900

8.2. Exposure controls

Engineering controls:
Ensure good ventilation/suction at the workplace.

Respiratory protection:
Not needed.

Hand protection:
For the contact with product protective gloves made from Spezial-Nitril (material thickness > 0.1 mm, break through time > 480 min class 6) are recommended according to EN 374. In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. We recommend to change single-use protective gloves periodical and a hand care plan in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.

Manufacturer e.g. German company KCL, type Dermatril.

Eye protection:
Protective goggles

Skin protection:
Suitable protective clothing

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

The following data apply to the whole mixture:

Appearance	wax waxy beige
Odor	floral, woody
pH	Not applicable
Initial boiling point	Not applicable
Flash point	Not applicable
Decomposition temperature	Not applicable
Vapour pressure	Not applicable
Density (20 °C (68 °F))	1,000 - 1,300 g/cm3
Bulk density	Not applicable
Viscosity	Not applicable
Viscosity (kinematic)	Not applicable
Explosive properties	Not applicable
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	Insoluble
Solidification temperature	Not applicable
Melting point	Not applicable

Flammability	Not applicable
Auto-ignition temperature	Not applicable
Explosive limits	Not applicable
Partition coefficient: n-octanol/water	Not applicable
Evaporation rate	Not applicable
Vapor density	Not applicable
Oxidising properties	Not applicable
Container pressure	Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity
None if used for intended purpose.

10.2. Chemical stability
None known.

10.3. Possibility of hazardous reactions
See section reactivity
None known.

10.4. Conditions to avoid
None known.

10.5. Incompatible materials
None known.

10.6. Hazardous decomposition products
None known.

SECTION 11: Toxicological information

General toxicological information:
The present product is a chemical preparation within the meaning of the chemicals act. The following evaluation has been made on the basis of the toxicological data and content by weight of the individual ingredients.

11.1. Information on toxicological effects

Acute oral toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Glycols, polyethylene, phosphate (3:1), tridodecyl ether 4EO 31800-90-5	LD50	> 2.000 mg/kg	rat	OECD Guideline 401 (Acute Oral Toxicity)
Fatty alcohol ethox. C16-18 unsat. 68920-66-1	LD50	14.000 mg/kg	rat	EU Method B.1 (Acute Toxicity (Oral))

Acute dermal toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Fatty alcohol ethox. C16-18 unsat. 68920-66-1	LD50	> 2.000 mg/kg	rabbit	OECD Guideline 402 (Acute Dermal Toxicity)

Acute inhalative toxicity:

No data available.

Skin corrosion/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Glycols, polyethylene, phosphate (3:1), tridodecyl ether 4EO 31800-90-5	irritating		rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
Fatty alcohol ethox. C16-18 unsat. 68920-66-1	irritating	24 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious eye damage/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Glycols, polyethylene, phosphate (3:1), tridodecyl ether 4EO 31800-90-5	not irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Fatty alcohol ethox. C16-18 unsat. 68920-66-1	not irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Respiratory or skin sensitization:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Test type	Species	Method
Glycols, polyethylene, phosphate (3:1), tridodecyl ether 4EO 31800-90-5	not sensitising		guinea pig	OECD Guideline 406 (Skin Sensitisation)
Fatty alcohol ethox. C16-18 unsat. 68920-66-1	not sensitising	Buehler test	guinea pig	OECD Guideline 406 (Skin Sensitisation)

Germ cell mutagenicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Fatty alcohol ethox. C16-18 unsat. 68920-66-1	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Fatty alcohol ethox. C16-18 unsat. 68920-66-1	negative	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Fatty alcohol ethox. C16-18 unsat. 68920-66-1	negative	mammalian cell gene mutation assay	with and without		OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Fatty alcohol ethox. C16-18 unsat. 68920-66-1	negative	intraperitoneal		mouse	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)

Carcinogenicity

No data available.

Reproductive toxicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Test type	Route of application	Species	Method
Fatty alcohol ethox. C16-18 unsat. 68920-66-1	NOAEL P >= 250 mg/kg NOAEL F1 >= 250 mg/kg	Two generation study	dermal	rat	OECD Guideline 416 (Two-Generation Reproduction Toxicity Study)

STOT-single exposure:

No data available.

STOT-repeated exposure::

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Route of application	Exposure time / Frequency of treatment	Species	Method
Fatty alcohol ethox. C16-18 unsat. 68920-66-1	NOAEL >= 500 mg/kg	oral: feed	90 d daily	rat	OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)

Aspiration hazard:

No data available.

SECTION 12: Ecological information

General ecological information:
The ecological evaluation of the product is based on data from the raw material and/or comparable substances.

12.1. Toxicity

Toxicity (Fish):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Fatty alcohol ethox. C16-18 unsat. 68920-66-1	LC50	2,7 mg/l	96 h	Brachydanio rerio (new name: Danio rerio)	ISO 7346-1 (Determination of the Acute Lethal Toxicity of Substances to a Freshwater Fish [Brachydanio rerio Hamilton-Buchanan (Teleostei, Cyprinidae)]
Fatty alcohol ethox. C16-18 unsat. 68920-66-1	NOEC	> 0,1 - 1 mg/l	30 d		OECD Guideline 210 (fish early lite stage toxicity test)

Toxicity (Daphnia):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Fatty alcohol ethox. C16-18 unsat. 68920-66-1	EC50	2,29 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Chronic toxicity to aquatic invertebrates

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Fatty alcohol ethox. C16-18 unsat. 68920-66-1	EC 20	0,0724 mg/l	21 d	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)

Toxicity (Algae):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Fatty alcohol ethox. C16-18 unsat. 68920-66-1	NOEC	> 0,1 - 1 mg/l	72 h		OECD Guideline 201 (Alga, Growth Inhibition Test)
Fatty alcohol ethox. C16-18 unsat. 68920-66-1	EC50	3,8 mg/l	72 h	not specified	OECD Guideline 201 (Alga, Growth Inhibition Test)

Toxicity to microorganisms

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Fatty alcohol ethox. C16-18 unsat. 68920-66-1	EC0	64 mg/l	30 min		DIN 38412, part 27 (Bacterial oxygen consumption test)

12.2. Persistence and degradability

Hazardous substances CAS-No.	Result	Test type	Degradability	Exposure time	Method
Fatty alcohol ethox. C16-18 unsat. 68920-66-1	readily biodegradable	aerobic	94 %	28 d	OECD Guideline 301 E (Ready biodegradability: Modified OECD Screening Test)

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

Hazardous substances CAS-No.	PBT / vPvB
Fatty alcohol ethox. C16-18 unsat. 68920-66-1	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:
Consider national regulations.

SECTION 14: Transport information

14.1. UN number

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.2. UN proper shipping name

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.3. Transport hazard class(es)

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.4. Packing group

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.5. Environmental hazards

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.6. Special precautions for user

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations/information (Germany):

WGK:	2, water-endangering product. (German VwVwS of May 17, 1999) Classification in conformity with the calculation method
Storage class according to TRGS 510:	10

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

H315 Causes skin irritation.
H411 Toxic to aquatic life with long lasting effects.

Further information:
This information is not related to the use of the product, it is based on our current level of knowledge.

Revision Number: 000.0 **Issue date:**

1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

Product identifier used on the label: ABC Hand & Hair Cream

Recommended use of the chemical and restrictions on use: Hair Treatment, leave-on

Name, address and telephone number of the chemical manufacturer:
Henkel AG & Co. KGaA
Henkelstr. 67
Düsseldorf 40191

CHEMTREC: Düsseldorf Germany

Emergency telephone number: Medical Emergencies:The Henkel information service also provides an around-the-clock telephone service on phone no. +49-(0)211-797-3350 for exceptional cases. The product is notified at the 'Information Centers for Cases of Poisoning in Germany'. These centers provide information by telephone day and night in poisoning cases. Central emergency phone number: ++49 (0) 30 19240

2. HAZARDS IDENTIFICATION

The hazards described in this Globally Harmonized System Safety Data Sheet (SDS) are not intended for consumers, and does not address consumer use of the product. For information regarding consumer applications of this product, refer to the product label.

Classification of the substance or mixture in accordance with paragraph (d) of §1910.1200

HAZARD CLASS	HAZARD CATEGORY
None	None

Signal word, hazard statement(s), symbol(s) and precautionary statement(s) in accordance with paragraph (f) of §1910.1200

Signal word: Not prescribed
Hazard Statement(s):
Not prescribed

Symbol(s): None

Precautionary Statements:

Prevention: Not prescribed
Response: Not prescribed
Storage: Not prescribed
Disposal: Not prescribed

Hazards not otherwise classified: Not available.

Percentage of ingredient(s) with unknown toxicity:
3 % of the mixture consists of ingredient(s) of unknown acute toxicity.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

The following chemicals are classified as health hazards in accordance with paragraph (d) of § 1910.1200.

Chemical Name*	CAS Number (Unique Identifier)	Concentration
Glycerol	56-81-5	>= 1 - < 5 %

Coconut oil	8001-31-8	>= 1 - < 5 %

*The specific chemical identity and/or exact percentage (concentration) of composition has been withheld because a trade secret is claimed in accordance with paragraph (i) of §1910.1200.

Actual concentration or concentration range is withheld as a trade secret

4. FIRST AID MEASURES

Description of necessary measures

Inhalation: First aid measures not required.
Skin contact: First aid measures not required. Cosmetic product and therefore not necessary.
Eye contact: Rinse eyes immediately with plenty of water, occasionally lifting upper and lower lids, until no evidence of product remains. Get medical attention if pain or irritation develops.
Ingestion: Dilution by rinsing the mouth and giving water or milk to drink is generally recommended. Contact physician or local poison control center.

Most important symptoms and effects, both acute and delayed

After eye contact: May cause mild transient irritation After skin contact: No adverse effects anticipated from normal use. After inhalation: Unlikely to occur due to the physical properties of the product. At elevated temperatures, vapors or mists may cause irritation. After ingestion: Ingestion may cause irritation of mouth, throat, digestive tract, diarrhea and vomiting.

Indication of any immediate medical attention and special treatment needed

After eye contact: Rinse eyes with plenty of water until no evidence of product remains. Get medical attention if irritation persists. After skin contact: Rinse affected area with mild soap and water until no evidence of product remains. After inhalation: No particular measures required. Remove from exposure area to fresh air. After ingestion: Do not induce vomiting. Single administration of a non-carbonated beverage (water or tea).

5. FIRE FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Dry chemical, carbon dioxide, water spray or regular foam.

Unsuitable extinguishing media: None known

Specific hazards arising from the chemical

carbon oxides.

Special protective equipment and precautions for fire-fighters

In case of fire, wear a full-face positive-pressure self-contained breathing apparatus and protective suit. Avoid breathing vapors, keep upwind. Isolate area. Keep unnecessary personnel away.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear skin, eye and respiratory protection as recommended in Section 8. Stop leak if you can do it without risk. Spills present a slipping hazard. Keep unnecessary personnel away. Ventilate spill area if possible. Make sure area is slip-free before re-opening to traffic.

Environmental precautions

Small or household quantities may be disposed in sewer or other liquid waste system. For larger quantities check with your local disposal authorities.

Methods and materials for containment and cleaning up

SMALL SPILLS: Contain and absorb with sand or other absorbent material and place into clean, dry containers for later disposal. Wash site of spillage thoroughly with water. LARGE SPILLS: Dike far ahead of spill to prevent further movement. Recover by pumping or by using a suitable absorbent material and place into containers for later disposal. Dispose in suitable waste container.

7. HANDLING AND STORAGE

Precautions for safe handling

Do not get in eyes. Do not take internally. Use with adequate ventilation. Avoid generating aerosols and mists.

Conditions for safe storage, including any incompatibilities

Store in original containers in a cool dry area. Storage areas for large quantities (warehouse) should be well ventilated. Keep the containers tightly closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Glycerol	None	5 mg/m3 PEL Respirable fraction. 15 mg/m3 PEL Total dust.	None	None
Coconut oil	None	5 mg/m3 PEL Respirable fraction. 15 mg/m3 PEL Total dust.	None	None

Appropriate engineering controls

Provide local exhaust or general dilution ventilation to keep exposure to airborne contaminants below the permissible exposure limits where mists or vapors may be generated.

Individual protection measures

Respiratory: Air contamination monitoring should be carried out where mists or vapors are likely to be generated, to assure that the employees are not exposed to airborne contaminants above the permissible exposure limits.

Eye: Splash-proof safety glasses are required to prevent eye contact where splashing of product may occur.

Hand/Body: Protective gloves are required where repeated or prolonged skin contact may occur. Protective clothing is required where repeated or prolonged skin contact may occur.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	emulsion light pink
Odor:	characteristic
Odor threshold:	Not available.
pH:	4.80 - 5.10 (20 °C)
Melting point/ range:	Not available.
Boiling point/range:	Not available.
Flash point:	Not applicable
Evaporation rate:	Not available.
Flammable/Explosive limits - lower:	Not available.
Flammable/Explosive limits - upper:	Not available.
Vapor pressure:	Not available.
Vapor density:	Not available.
Solubility in water:	Partially soluble
Partition coefficient (n-octanol/water):	Not available.
Autoignition temperature:	Not available.
Decomposition temperature:	Not available.
Viscosity:	20,000 - 50,000 mPa.s
VOC content:	Not available.

10. STABILITY AND REACTIVITY

Reactivity: This product may react with strong alkalies.

Chemical stability: Stable under normal ambient temperature (70°F, 21°C) and pressure (1 atm).

Possibility of hazardous reactions: Hazardous polymerization has not been reported to occur under normal temperatures and pressures.

Conditions to avoid: Avoid storing in direct sunlight and avoid extremes of temperature.

Incompatible materials: Strong oxidizers and alkalis.

Hazardous decomposition products: Oxides of carbon. Oxides of nitrogen.

11. TOXICOLOGICAL INFORMATION

Likely routes of exposure including symptoms related to characteristics

Inhalation: Unlikely to occur due to the physical properties of the product. At elevated temperatures, vapors or mists may cause irritation.
Skin contact: Not a hazard under normal conditions of use.
Eye contact: May cause mild transient irritation
Ingestion: May cause mild gastrointestinal irritation with nausea, vomiting, diarrhea and abdominal pain.
Physical/Chemical: No physical/chemical hazards are anticipated for this product.

Other relevant toxicity information: This product is a personal care or cosmetic product. The use of this product by consumers is safe under normal and reasonable foreseen use.

Numerical measures of toxicity, including delayed and immediate effect

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Glycerol	None	Irritant, Nuisance dust
Coconut oil	None	No Target Organs

Carcinogenicity information

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Glycerol	No	No	No
Coconut oil	No	No	No

Carcinogenicity None of the ingredients in this product are listed as carcinogens by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP) or the Occupational Safety and Health Administration (OSHA).
Mutagenicity None of the ingredients in this product are known to cause mutagenicity.
Toxicity for reproduction None of the ingredients in this product are known as reproductive, fetal, or developmental hazards.

12. ECOLOGICAL INFORMATION

Aquatic Toxicity:

This product is anticipated to be safe for the environment at concentrations predicted in household settings under normal use conditions. The following toxicity information is available for the hazardous ingredient(s) when used as technical grade and is provided as reference for the occupational settings.

Toxicity to fish:

The aquatic toxicity profile of this product has not been determined.

Toxicity to aquatic invertebrates:

The aquatic toxicity profile of this product has not been determined.

Toxicity to algae:

The aquatic toxicity profile of this product has not been determined.

Persistence and degradability

Hazardous substances CAS-No.	Result value	Route of application	Species	Method
Glycerol 56-81-5	readily biodegradable	aerobic	90 - 94 %	EU Method C.4-E (Determination of the "Ready" BiodegradabilityClosed Bottle Test)
Coconut oil 8001-31-8	readily biodegradable	aerobic	100 %	EU Method C.4-E (Determination of the "Ready" BiodegradabilityClosed Bottle Test)

Bioaccumulative potential

The bioaccumulation potential of this product has not been determined.

Mobility in soil

The mobility of this product (in soil and water) has not been determined.

13. DISPOSAL CONSIDERATIONS

Description of waste residues:

Hazardous waste number: Not regulated

Safe handling and disposal methods:

Recommended method of disposal: This product is not a RCRA hazardous waste and can be disposed of in accordance with federal, state and local regulations.

Disposal of uncleaned packages: Place in trash.

14. TRANSPORT INFORMATION

The information in this section is for reference only and should not take the place of a shipping paper (bill of lading) specific to an order. Please note that the proper shipping classification may vary by packaging, properties, and mode of transportation.

U.S. Department of Transportation Ground (49 CFR)

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

International Air Transportation (ICAO/IATA)

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

Water Transportation (IMO/IMDG)

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

15. REGULATORY INFORMATION

Occupational safety and health act: Hazard Communication Standard, 29 CFR 1910.1200(g) Appendix D: The Occupational Safety and Health Administration (OSHA) require that the Safety Data Sheets (SDSs) are readily accessible to employees for all hazardous chemicals in the workplace. Since the use pattern and exposure in the workplace are generally not consistent with those experienced by consumers, this SDS may contain health hazard information not relevant to consumer use.

United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed as active or are exempt from listing on the Toxic Substances Control Act (TSCA) inventory.

TSCA 12 (b) Export Notification: None above reporting de minimis

CERCLA/SARA Section 302 EHS: None above reporting de minimis.
CERCLA/SARA Section 311/312: Not available.
CERCLA/SARA Section 313: None above reporting de minimis.

California Proposition 65: Not available.

Canada Regulatory Information

CEPA DSL/NDSL Status: One or more components are not listed on, and are not exempt from listing on either the Domestic Substances List or the Non-Domestic Substances List.

16. OTHER INFORMATION

DISCLAIMER: The data contained herein are furnished for information only and are believed to be reliable. However, Henkel Corporation and its affiliates ("Henkel") does not assume responsibility for any results obtained by persons over whose methods Henkel has no control. It is the user's responsibility to determine the suitability of Henkel's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any Henkel's products. In light of the foregoing, Henkel specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of Henkel's products. Henkel further disclaims any liability for consequential or incidental damages of any kind, including lost profits.

This safety data sheet contains changes from the previous version in sections: New Safety Data Sheet format.

Prepared by: R&D Support Services

Issue date:

Safety Data Sheet according to Regulation (EC) No 1907/2006

ABC Shampoo For Dry Hair 1. Prio new

SDS No. : 620632
V001.0
Revision: 26.10.2018
printing date: 08.08.2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
ABC Shampoo For Dry Hair 1. Prio new

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use:
Shampoo

1.3. Details of the supplier of the safety data sheet
Henkel AG & Co. KGaA
Düsseldorf Germany
Henkelstr. 67
40191 Düsseldorf
Phone: +49 211-797-0

E-mail address of person responsible for Safety Data Sheet:
Henkel Cosmetics, e-mail : Elisabeth.Poppe@henkel.com

1.4. Emergency telephone number
The Henkel information service also provides an around-the-clock telephone service on phone no.+49-(0)211-797-3350 for exceptional cases.
Further information is available at Poison Control Centers.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP):

Skin irritation	Category 2
Causes skin irritation.	
Serious eye irritation	Category 2
Causes serious eye irritation.	

2.2. Label elements (CLP)

Hazard pictogram:

Signal word:	Warning
Hazard statement:	H315 Causes skin irritation. H319 Causes serious eye irritation.
Precautionary statement: **Prevention**	P264 Wash skin thoroughly after handling. P280 Wear protective gloves.
Precautionary statement: **Response**	P302+P352 IF ON SKIN: Wash with plenty of water. P332+P313 If skin irritation occurs: Get medical advice/attention. P337+P313 If eye irritation persists: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse.

SECTION 3: Composition/information on ingredients

3.1. Substances

3.2. Mixtures

Hazardous substances according to CLP (EC) No 1272/2008:

Hazardous substances CAS-No.	EINECS	REACH-Reg No.	Content	Classification
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	270-407-8	01-2119513401-57	>= 10- < 20 %	H315 Skin irritation 2; Dermal H318 Serious eye damage 1
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	263-058-8	01-2119489410-39	>= 3- < 4 %	H318 Serious eye damage 1 H412 Chronic hazards to the aquatic environment 3
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	263-174-9	01-2119976339-21	>= 1- < 10 %	H319 Serious eye irritation 2
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2			>= 0,1- < 0,25 %	H400 Acute hazards to the aquatic environment 1 H410 Chronic hazards to the aquatic environment 1

For full text of the H - Phrases indicated by codes only see Section 16 "Other information".

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:
In case of adverse health effects seek medical advice.

Inhalation:
not relevant.

Skin contact:
Rinse with running water and soap.
Take off all clothing contaminated by the product.
If necessary, see a dermatologist.

Eye contact:
Rinse immediately with plenty of running water (for 10 minutes), seek medical attention from a specialist.

Ingestion:
Rinse mouth and throat. Drink 1-2 glasses of water. Seek medical advice.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
All common extinguishing agents are suitable.

Extinguishing media which must not be used for safety reasons:
None known

5.2. Special hazards arising from the substance or mixture

The release of following substances is possible in case of fire:

carbon oxides.
nitrogen oxides
Hydrogen chloride.

5.3. Advice for firefighters

Wear self-contained breathing apparatus.
Wear protective equipment.

Additional information:

Dispose of combustion residues and contaminated fire-fighting water in accordance with statutory regulations.
Collect contaminated fire fighting water separately. It must not enter drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective equipment.

6.2. Environmental precautions

Do not allow to enter drainage system, surface or ground water of not diluted product.
Do not dispose of in wastepaper bin or trash-can.

6.3. Methods and material for containment and cleaning up

Remove with liquid-absorbing material (chemical binder)
Dilute small quantities with large amount of water and rinse.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling advice:
Avoid skin and eye contact.

Fire and explosion protection information:
No special measures required if used properly.

Hygiene measures:
Do not eat, drink or smoke while working.
Immediately remove soiled or soaked clothing.
Wash hands before work breaks and after finishing work.
Keep away from food, beverages and animal feed.

7.2. Conditions for safe storage, including any incompatibilities

Store in sealed original container protected against moisture.
Store far from foodstuffs.

7.3. Specific end use(s)

Shampoo

SECTION 8: Exposure controls/personal protection

Only relevant for professional/industrial use

8.1. Control parameters

Valid for
Germany

None

8.2. Exposure controls

Engineering controls:
Ensure good ventilation/suction at the workplace.

Respiratory protection:
Not needed.

Hand protection:
For the contact with product protective gloves made from Spezial-Nitril (material thickness > 0.1 mm, break through time > 480 min class 6) are recommended according to EN 374. In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. We recommend to change single-use protective gloves periodical and a hand care plan in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.
Manufacturer e.g. German company KCL, type Dermatril.

Eye protection:
Protective goggles

Skin protection:
Suitable protective clothing

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

The following data apply to the whole mixture:

Appearance	liquid viscous, clear yellow
Odor	floral, fruity, powdery
pH (20 °C (68 °F))	4,50 - 5,00
Initial boiling point	Not applicable
Flash point	Not applicable
Decomposition temperature	Not applicable
Vapour pressure	Not applicable
Density (20 °C (68 °F))	1,020 - 1,050 g/cm3
Bulk density	Not applicable
Viscosity (Haake; Instrument: Haake VT 550; 20 °C (68 °F); speed of rotation: 8 min-1; Rotary measuring system: MV II)	8.000 - 13.000 mPa.s
Viscosity (kinematic)	Not applicable
Explosive properties	Not applicable
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	Soluble
Solidification temperature	Not applicable
Melting point	Not applicable
Flammability	Not applicable
Auto-ignition temperature	Not applicable
Explosive limits	Not applicable
Partition coefficient: n-octanol/water	Not applicable
Evaporation rate	Not applicable

Vapor density	Not applicable
Oxidising properties	Not applicable
Container pressure	Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity
None if used for intended purpose.

10.2. Chemical stability
None known.

10.3. Possibility of hazardous reactions
See section reactivity
None known.

10.4. Conditions to avoid
None known.

10.5. Incompatible materials
None known.

10.6. Hazardous decomposition products
None known.

SECTION 11: Toxicological information

General toxicological information:
The present product is a chemical preparation within the meaning of the chemicals act. The following evaluation has been made on the basis of the toxicological data and content by weight of the individual ingredients.

11.1. Information on toxicological effects

Acute oral toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	LD50	2.079 mg/kg	rat	not specified
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	LD50	> 5.000 mg/kg	rat	OECD Guideline 401 (Acute Oral Toxicity)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	LD50	> 5.000 mg/kg	rat	not specified
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	LD50	12.500 mg/kg	rat	not specified

Acute dermal toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	LD50	6.300 - 13.500 mg/kg	rabbit	not specified
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	LD50	> 2.000 mg/kg	rat	OECD Guideline 402 (Acute Dermal Toxicity)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	LD50	> 2.000 mg/kg	rat	OECD Guideline 402 (Acute Dermal Toxicity)

Acute inhalative toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Test atmosphere	Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	LC50	> 52 mg/l	vapour	4 h	rat	not specified

Skin corrosion/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	irritating		rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	moderately irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious eye damage/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	highly irritating		rabbit	not specified
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	highly irritating	24 h	rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Respiratory or skin sensitization:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Test type	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	not sensitising	Guinea pig maximisation test	guinea pig	OECD Guideline 406 (Skin Sensitisation)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	not sensitising	Guinea pig maximisation test	guinea pig	Magnusson and Kligman Method

Germ cell mutagenicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	negative	bacterial reverse mutation assay (e.g Ames test)			OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	negative	in vitro mammalian chromosome aberration test			OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)

Carcinogenicity

No data available.

Reproductive toxicity:

No data available.

STOT-single exposure:

No data available.

STOT-repeated exposure::

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Route of application	Exposure time / Frequency of treatment	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	NOAEL 195 mg/kg	oral: unspecified	chronic	rat	not specified
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	NOAEL 259 mg/kg	oral: unspecified	chronic	rat	not specified
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	NOAEL 1.000 mg/kg	oral: gavage	28 days 1 x/day, 5 x/week	rat	EU Method B.7 (Repeated Dose (28 Days) Toxicity (Oral))

Aspiration hazard:

No data available.

SECTION 12: Ecological information

General ecological information:
The ecological evaluation of the product is based on data from the raw material and/or comparable substances.

12.1. Toxicity

Toxicity (Fish):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	LC50	> 3,4 - 4,9 mg/l	96 h	Leuciscus idus	DIN 38412-15
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	NOEC	1,8 mg/l		Pimephales promelas	OECD Guideline 210 (fish early lite stage toxicity test)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	LC50	6,7 mg/l	96 h	Brachydanio rerio (new name: Danio rerio)	ISO 7346-1 (Determination of the Acute Lethal Toxicity of Substances to a Freshwater Fish [Brachydanio rerio Hamilton-Buchanan (Teleostei, Cyprinidae)]
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	NOEC	0,135 mg/l	100 d	Oncorhynchus mykiss	OECD Guideline 210 (fish early lite stage toxicity test)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	LC50	5,04 mg/l	96 h	Danio rerio	OECD Guideline 203 (Fish, Acute Toxicity Test)
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	LC50	> 0,2 - 0,8 mg/l	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)

Toxicity (Daphnia):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	EC50	4,53 mg/l	48 h	Ceriodaphnia sp.	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	EC50	3,7 mg/l	24 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	EC50	4,6 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Chronic toxicity to aquatic invertebrates

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	NOEC	6,3 mg/l	21 h	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)
Ethanesulfonic acid, 2-	NOEC	4 mg/l	21 d	Daphnia magna	OECD 211 (Daphnia

(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2					magna, Reproduction Test)

Toxicity (Algae):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	EC50	5,2 mg/l	72 h	Skeletonema costatum	ISO 10253:2006 (Marine algal growth inhibition test)
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	NOEC	3,2 mg/l	72 h	Skeletonema costatum	ISO 10253:2006 (Marine algal growth inhibition test)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	EC50	2,6 mg/l	96 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	OECD Guideline 201 (Alga, Growth Inhibition Test)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	EC50	> 100 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	NOEC	10 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)

Toxicity to microorganisms

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	EC10	14 mg/l	3 h	activated sludge	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	EC0	10.000 mg/l	16 h	Pseudomonas putida	DIN 38412, part 8 (Pseudomonas Zellvermehrungshemm-Test)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	EC50	513 mg/l	3 h	activated sludge	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)

12.2. Persistence and degradability

Hazardous substances CAS-No.	Result	Test type	Degradability	Exposure time	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6		aerobic	88 %	28 d	OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test)
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	readily biodegradable	aerobic	98 %	30 d	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	readily biodegradable	aerobic	86 %	28 d	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	inherently biodegradable	aerobic	97 - 100 %	28 d	EU Method C.9 (Biodegradation: Zahn-Wellens Test)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	readily biodegradable	aerobic	82 %	28 d	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	not readily biodegradable.	aerobic	0 %	28 d	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	not inherently biodegradable	aerobic	51 %	28 d	OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test)

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

Hazardous substances CAS-No.	LogPow	Temperature	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	-1,3	20 °C	EU Method A.8 (Partition Coefficient)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	0,24	20 °C	EU Method A.8 (Partition Coefficient)

12.5. Results of PBT and vPvB assessment

Hazardous substances CAS-No.	PBT / vPvB
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	Not fulfilling PBT (persistent/bioaccummulative/toxic) criteria

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:
Consider national regulations.

SECTION 14: Transport information

14.1. UN number

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.2. UN proper shipping name

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.3. Transport hazard class(es)

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.4. Packing group

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.5. Environmental hazards

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.6. Special precautions for user

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations/information (Germany):

WGK:	2, water-endangering product. (German VwVwS of May 17, 1999) Classification in conformity with the calculation method
Storage class according to TRGS 510:	10

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text
of all abbreviations indicated by codes in this safety data sheet are as follows:

H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

Further information:
This information is not related to the use of the product, it is based on our current level of knowledge.

Safety Data Sheet according to Regulation (EC) No 1907/2006

Authentic Beauty Care Hydrate Cleansing Conditioner '18

SDS No. : 622934
V001.0
Revision: 05.11.2018
printing date: 19.11.2020

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Authentic Beauty Care Hydrate Cleansing Conditioner '18

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use:
Conditioner, rinse off

1.3. Details of the supplier of the safety data sheet
Henkel AG & Co. KGaA
Düsseldorf Germany
Henkelstr. 67
40191 Düsseldorf
Phone: +49 211-797-0

E-mail address of person responsible for Safety Data Sheet:
Henkel Cosmetics, e-mail : Elisabeth.Poppe@henkel.com

1.4. Emergency telephone number
The Henkel information service also provides an around-the-clock telephone service on phone no.+49-(0)211-797-3350 for exceptional cases.
Further information is available at Poison Control Centers.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP):

Serious eye damage	Category 1

Causes serious eye damage.

2.2. Label elements (CLP)

Hazard pictogram:

Signal word: Danger

Hazard statement: H318 Causes serious eye damage.

Precautionary statement: Prevention P280 Wear eye protection/face protection.

Precautionary statement: Response P305+P351+P338+P315 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

SECTION 3: Composition/information on ingredients

3.1. Substances

3.2. Mixtures

Hazardous substances according to CLP (EC) No 1272/2008:

Hazardous substances CAS-No.	EINECS	REACH-Reg No.	Content	Classification
Glycine, N-[2-[(2-hydroxyethyl)amino]ethyl]-, N'-coco acyl derivs., monosodium salts 61791-32-0	263-164-4		>= 3- < 10 %	H318 Serious eye damage 1
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	271-756-9	01-2119484817-22	>= 3- < 10 %	H400 Acute hazards to the aquatic environment 1 H412 Chronic hazards to the aquatic environment 3 H315 Skin irritation 2 H318 Serious eye damage 1 H373 Specific target organ toxicity - repeated exposure 2
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2			>= 0,1- < 0,25 %	H400 Acute hazards to the aquatic environment 1 H410 Chronic hazards to the aquatic environment 1

For full text of the H - Phrases indicated by codes only see Section 16 "Other information".

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:
In case of adverse health effects seek medical advice.
Remove casualty immediately from danger zone. Take off immediately all contaminated clothing.

Inhalation:
not relevant.

Skin contact:
Rinse with water. Take off all clothing contaminated by the product.
If necessary, see a dermatologist.

Eye contact:
Rinse immediately with plenty of running water (for 10 minutes), seek medical attention from a specialist.

Ingestion:
Rinse mouth and throat. Drink 1-2 glasses of water. Seek medical advice.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
All common extinguishing agents are suitable.

Extinguishing media which must not be used for safety reasons:
None known

5.2. Special hazards arising from the substance or mixture
The release of following substances is possible in case of fire:

carbon oxides.
Hydrogen chloride.
nitrogen oxides
Sulphur oxides

5.3. Advice for firefighters
Wear self-contained breathing apparatus.
Wear protective equipment.

Additional information:
Dispose of combustion residues and contaminated fire-fighting water in accordance with statutory regulations.
Collect contaminated fire fighting water separately. It must not enter drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Wear protective equipment.

6.2. Environmental precautions
Do not dispose of in wastepaper bin or trash-can.
Do not empty into drains / surface water / ground water.

6.3. Methods and material for containment and cleaning up
Remove with liquid-absorbing material (chemical binder)
Dilute small quantities with large amount of water and rinse.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling advice:
Avoid skin and eye contact.

Fire and explosion protection information:
No special measures required if used properly.

Hygiene measures:
Do not eat, drink or smoke while working.
Immediately remove soiled or soaked clothing.
Wash hands before work breaks and after finishing work.
Keep away from food, beverages and animal feed.

7.2. Conditions for safe storage, including any incompatibilities
Store in sealed original container protected against moisture.
Store far from foodstuffs.

7.3. Specific end use(s)
Conditioner, rinse off

SECTION 8: Exposure controls/personal protection

Only relevant for professional/industrial use

8.1. Control parameters

Valid for
Germany

None

8.2. Exposure controls

Engineering controls:
Ensure good ventilation/suction at the workplace.

Respiratory protection:
Not needed.

Hand protection:
For the contact with product protective gloves made from Spezial-Nitril (material thickness > 0.1 mm, break through time > 480 min class 6) are recommended according to EN 374. In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. We recommend to change single-use protective gloves periodical and a hand care plan in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.
Manufacturer e.g. German company KCL, type Dermatril.

Eye protection:
Protective goggles

Skin protection:
Suitable protective clothing

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

The following data apply to the whole mixture:

Appearance	emulsion viscous white
Odor	fruity, floral, vanilla, powdery
pH (20 °C (68 °F))	4,50 - 5,00
Initial boiling point	Not applicable
Flash point	Not applicable
Decomposition temperature	Not applicable
Vapour pressure	Not applicable
Density (20 °C (68 °F))	0,980 - 1,010 g/cm3
Bulk density	Not applicable
Viscosity (Brookfield; Instrument: RVDV II+; 20 °C (68 °F); speed of rotation: 20 min-1; Spindle No: 5)	6.000 - 12.000 mPa.s
Viscosity (kinematic)	Not applicable
Explosive properties	Not applicable
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	Partially soluble
Solidification temperature	Not applicable
Melting point	Not applicable
Flammability	Not applicable
Auto-ignition temperature	Not applicable
Explosive limits	Not applicable
Partition coefficient: n-octanol/water	Not applicable
Evaporation rate	Not applicable

Vapor density	Not applicable
Oxidising properties	Not applicable
Container pressure	Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity
None if used for intended purpose.

10.2. Chemical stability
None known.

10.3. Possibility of hazardous reactions
See section reactivity
None known.

10.4. Conditions to avoid
None known.

10.5. Incompatible materials
None known.

10.6. Hazardous decomposition products
None known.

SECTION 11: Toxicological information

General toxicological information:
The present product is a chemical preparation within the meaning of the chemicals act. The following evaluation has been made on the basis of the toxicological data and content by weight of the individual ingredients.

11.1. Information on toxicological effects

Acute oral toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	LD50	12.500 mg/kg	rat	not specified

Acute dermal toxicity:

No data available.

Acute inhalative toxicity:

No data available.

Skin corrosion/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious eye damage/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	irritating	24 h	rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Respiratory or skin sensitization:

No data available.

Germ cell mutagenicity:

No data available.

Carcinogenicity

No data available.

Reproductive toxicity:

No data available.

STOT-single exposure:

No data available.

STOT-repeated exposure::

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Route of application	Exposure time / Frequency of treatment	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	NOAEL 10 mg/kg	oral: gavage	28 d daily, 7 d/w	rat	EU Method B.7 (Repeated Dose (28 Days) Toxicity (Oral))

Aspiration hazard:

No data available.

SECTION 12: Ecological information

General ecological information:
The ecological evaluation of the product is based on data from the raw material and/or comparable substances.

12.1. Toxicity

Toxicity (Fish):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Glycine, N-[2-[(2-hydroxyethyl)amino]ethyl]-, N'-coco acyl derivs., monosodium salts 61791-32-0	LC50	11,66 mg/l	96 h		OECD Guideline 203 (Fish, Acute Toxicity Test)
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	LC50	> 0,5 - 1 mg/l	96 h	Brachydanio rerio (new name: Danio rerio)	OECD Guideline 203 (Fish, Acute Toxicity Test)
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	LC50	> 0,2 - 0,8 mg/l	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)

Toxicity (Daphnia):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	EC50	1,4 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Chronic toxicity to aquatic invertebrates

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	NOEC	0,128 mg/l	21 d	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)

Toxicity (Algae):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Glycine, N-[2-[(2-hydroxyethyl)amino]ethyl]-, N'-coco acyl derivs., monosodium salts 61791-32-0	EC10	5,2 mg/l	72 h		OECD Guideline 201 (Alga, Growth Inhibition Test)
Glycine, N-[2-[(2-hydroxyethyl)amino]ethyl]-, N'-coco acyl derivs., monosodium salts 61791-32-0	EC50	24 mg/l	72 h		OECD Guideline 201 (Alga, Growth Inhibition Test)
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	EC50	3,4 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)

Toxicity to microorganisms

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	EC 50	43 mg/l			OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)

12.2. Persistence and degradability

Hazardous substances CAS-No.	Result	Test type	Degradability	Exposure time	Method
Glycine, N-[2-[(2-hydroxyethyl)amino]ethyl]-, N'-coco acyl derivs., monosodium salts 61791-32-0	readily biodegradable	aerobic	69 %	28 d	OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test)
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9		aerobic	> 80 %		OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test)
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	readily biodegradable	aerobic	80 %	28 d	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	not readily biodegradable.	aerobic	0 %	28 d	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	not inherently biodegradable	aerobic	51 %	28 d	OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test)

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

Hazardous substances CAS-No.	LogPow	Temperature	Method
Glycine, N-[2-[(2-hydroxyethyl)amino]ethyl]-, N'-coco acyl derivs., monosodium salts 61791-32-0	-4,59		not specified
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	3,29	20 °C	not specified

12.5. Results of PBT and vPvB assessment

Hazardous substances CAS-No.	PBT / vPvB
Glycine, N-[2-[(2-hydroxyethyl)amino]ethyl]-, N'-coco acyl derivs., monosodium salts 61791-32-0	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:
Consider national regulations.

SECTION 14: Transport information

14.1. UN number

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.2. UN proper shipping name

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.3. Transport hazard class(es)

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.4. Packing group

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.5. Environmental hazards

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.6. Special precautions for user

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations/information (Germany):

WGK:	2, water-endangering product. (German VwVwS of May 17, 1999) Classification in conformity with the calculation method
Storage class according to TRGS 510:	10

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

H315 Causes skin irritation.
H318 Causes serious eye damage.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

Further information:
This information is not related to the use of the product, it is based on our current level of knowledge.

Safety Data Sheet according to Regulation (EC) No 1907/2006

Authentic Beauty Care Hydrate Conditioner

SDS No. : 622665
V001.0
Revision: 29.10.2018
printing date: 08.08.2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Authentic Beauty Care Hydrate Conditioner

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use:
Conditioner, rinse off

1.3. Details of the supplier of the safety data sheet
Henkel AG & Co. KGaA
Düsseldorf Germany
Henkelstr. 67
40191 Düsseldorf
Phone: +49 211-797-0

E-mail address of person responsible for Safety Data Sheet:
Henkel Cosmetics, e-mail : Elisabeth.Poppe@henkel.com

1.4. Emergency telephone number
The Henkel information service also provides an around-the-clock telephone service on phone no.+49-(0)211-797-3350 for exceptional cases.
Further information is available at Poison Control Centers.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP):
Serious eye irritation Category 2
Causes serious eye irritation.

2.2. Label elements (CLP)

Hazard pictogram:

Signal word: Warning

Hazard statement: H319 Causes serious eye irritation.

Precautionary statement: Prevention
P264 Wash skin thoroughly after handling.
P280 Wear eye protection/face protection.

Precautionary statement: Response
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.

SECTION 3: Composition/information on ingredients

3.1. Substances

3.2. Mixtures

Hazardous substances according to CLP (EC) No 1272/2008:

Hazardous substances CAS-No.	EINECS	REACH-Reg No.	Content	Classification
2-Hydroxy-3-[(1-oxodocosyl)oxy]propyltrimethylammonium chloride 69537-38-8	274-033-6		>= 1- < 10 %	H315 Skin irritation 2
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	271-756-9	01-2119484817-22	>= 1- < 2,5 %	H400 Acute hazards to the aquatic environment 1 H412 Chronic hazards to the aquatic environment 3 H315 Skin irritation 2 H318 Serious eye damage 1 H373 Specific target organ toxicity - repeated exposure 2
Fatty acids, C12-20, reaction products with triethanolamine, di-Me sulfate-quaternized 91032-11-0	293-018-5		>= 1- < 2,5 %	H400 Acute hazards to the aquatic environment 1
Stearamidopropyl Dimethylamine 7651-02-7	231-609-1	01-2119979089-19	>= 0,25- < 1 %	H318 Serious eye damage 1 H400 Acute hazards to the aquatic environment 1 H411 Chronic hazards to the aquatic environment 2
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2			>= 0,1- < 0,25 %	H400 Acute hazards to the aquatic environment 1 H410 Chronic hazards to the aquatic environment 1

For full text of the H - Phrases indicated by codes only see Section 16 "Other information".

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:
In case of adverse health effects seek medical advice.

Inhalation:
not relevant.

Skin contact:
Rinse with water. Take off all clothing contaminated by the product.

Eye contact:
Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

Ingestion:
Rinse the mouth. Drink 1-2 glasses of water.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
All common extinguishing agents are suitable.

Extinguishing media which must not be used for safety reasons:
None known

5.2. Special hazards arising from the substance or mixture

The release of following substances is possible in case of fire:

carbon oxides.
nitrogen oxides
Hydrogen chloride.
Sulphur oxides

5.3. Advice for firefighters

Wear self-contained breathing apparatus.
Wear protective equipment.

Additional information:

Dispose of combustion residues and contaminated fire-fighting water in accordance with statutory regulations.
Collect contaminated fire fighting water separately. It must not enter drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No information.

6.2. Environmental precautions

Do not allow to enter drainage system, surface or ground water of not diluted product.
Do not dispose of in wastepaper bin or trash-can.

6.3. Methods and material for containment and cleaning up

Dilute small quantities with large amount of water and rinse.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling advice:
No particular measures required.

Fire and explosion protection information:
No special measures required if used properly.

Hygiene measures:
Do not eat, drink or smoke while working.
Immediately remove soiled or soaked clothing.
Wash hands before work breaks and after finishing work.
Keep away from food, beverages and animal feed.

7.2. Conditions for safe storage, including any incompatibilities

Store in sealed original container protected against moisture.
Store far from foodstuffs.

7.3. Specific end use(s)

Conditioner, rinse off

SECTION 8: Exposure controls/personal protection

Only relevant for professional/industrial use

8.1. Control parameters

Valid for
Germany

None

8.2. Exposure controls

Engineering controls:
Ensure good ventilation/suction at the workplace.

Respiratory protection:
Not needed.

Hand protection:
For the contact with product protective gloves made from Spezial-Nitril (material thickness > 0.1 mm, break through time > 480 min class 6) are recommended according to EN 374. In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. We recommend to change single-use protective gloves periodical and a hand care plan in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.
Manufacturer e.g. German company KCL, type Dermatril.

Eye protection:
Protective goggles

Skin protection:
Suitable protective clothing

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

The following data apply to the whole mixture:

Appearance	emulsion viscous white
Odor	floral, fruity, vanilla, powdery
pH (20 °C (68 °F))	3,00 - 4,00
Initial boiling point	Not applicable
Flash point	Not applicable
Decomposition temperature	Not applicable
Vapour pressure	Not applicable
Density (20 °C (68 °F))	0,980 - 1,010 g/cm3
Bulk density	Not applicable
Viscosity (Haake; Instrument: Haake VT 550; 20 °C (68 °F); Rotary measuring system: MV II)	3.000 - 10.000 mPa.s
Viscosity (kinematic)	Not applicable
Explosive properties	Not applicable
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	Partially soluble
Solidification temperature	Not applicable
Melting point	Not applicable
Flammability	Not applicable
Auto-ignition temperature	Not applicable
Explosive limits	Not applicable
Partition coefficient: n-octanol/water	Not applicable
Evaporation rate	Not applicable

Vapor density	Not applicable
Oxidising properties	Not applicable
Container pressure	Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity
None if used for intended purpose.

10.2. Chemical stability
None known.

10.3. Possibility of hazardous reactions
See section reactivity
None known.

10.4. Conditions to avoid
None known.

10.5. Incompatible materials
None known.

10.6. Hazardous decomposition products
None known.

SECTION 11: Toxicological information

General toxicological information:
The present product is a chemical preparation within the meaning of the chemicals act. The following evaluation has been made on the basis of the toxicological data and content by weight of the individual ingredients.
No information exists about acute toxic, irritative or otherwise harmful effects caused by the product.

11.1. Information on toxicological effects

Acute oral toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Stearamidopropyl Dimethylamine 7651-02-7	LD50	3.480 mg/kg	rat	OECD Guideline 401 (Acute Oral Toxicity)
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	LD50	12.500 mg/kg	rat	not specified

Acute dermal toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Stearamidopropyl Dimethylamine 7651-02-7	LD50	> 2.000 mg/kg	rabbit	not specified

Acute inhalative toxicity:

No data available.

Skin corrosion/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
Stearamidopropyl Dimethylamine 7651-02-7	not irritating		rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious eye damage/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	irritating	24 h	rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Stearamidopropyl Dimethylamine 7651-02-7	Category 1 (irreversible effects on the eye)		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Respiratory or skin sensitization:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Test type	Species	Method
Stearamidopropyl Dimethylamine 7651-02-7	not sensitising	Guinea pig maximisation test	guinea pig	OECD Guideline 406 (Skin Sensitisation)

Germ cell mutagenicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
2-Hydroxy-3-[(1-oxodocosyl)oxy]propyltrimethylammonium chloride 69537-38-8	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		Ames Test
Stearamidopropyl Dimethylamine 7651-02-7	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Stearamidopropyl Dimethylamine 7651-02-7	negative	mammalian cell gene mutation assay	with and without		OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Stearamidopropyl Dimethylamine 7651-02-7	negative	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)

Carcinogenicity

No data available.

Reproductive toxicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Test type	Route of application	Species	Method
Stearamidopropyl Dimethylamine 7651-02-7	NOAEL P 70 mg/kg		oral: gavage	rat	OECD Guideline 421 (Reproduction / Developmental Toxicity Screening Test)

STOT-single exposure:

No data available.

STOT-repeated exposure::

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Route of application	Exposure time / Frequency of treatment	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	NOAEL 10 mg/kg	oral: gavage	28 d daily, 7 d/w	rat	EU Method B.7 (Repeated Dose (28 Days) Toxicity (Oral))
Stearamidopropyl Dimethylamine 7651-02-7	NOAEL >= 200 mg/kg	dermal	13 weeks once daily (5 days/week)	rabbit	OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)

Aspiration hazard:

No data available.

SECTION 12: Ecological information

General ecological information:
The ecological evaluation of the product is based on data from the raw material and/or comparable substances.

12.1. Toxicity

Toxicity (Fish):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
2-Hydroxy-3-[(1-oxodocosyl)oxy]propyltrimethylammonium chloride 69537-38-8	NOEC	3 mg/l	30 h	Brachydanio rerio (new name: Danio rerio)	OECD Guideline 210 (fish early lite stage toxicity test)
2-Hydroxy-3-[(1-oxodocosyl)oxy]propyltrimethylammonium chloride 69537-38-8	LC50	85 mg/l	48 h	Leuciscus idus	DIN 38412-15
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	LC50	> 0,5 - 1 mg/l	96 h	Brachydanio rerio (new name: Danio rerio)	OECD Guideline 203 (Fish, Acute Toxicity Test)
Stearamidopropyl Dimethylamine 7651-02-7	NOEC	0,1 mg/l	9 d	Danio rerio	OECD Guideline 212 (Fish, Short-term Toxicity Test on Embryo and Sac-Fry Stages)
Stearamidopropyl Dimethylamine 7651-02-7	LC50	> 0,1 - 1 mg/l	96 h	Salmo gairdneri (new name: Oncorhynchus mykiss)	OECD Guideline 203 (Fish, Acute Toxicity Test)
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	LC50	> 0,2 - 0,8 mg/l	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)

Toxicity (Daphnia):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
2-Hydroxy-3-[(1-oxodocosyl)oxy]propyltrimethylammonium chloride 69537-38-8	EC50	270 mg/l	24 h	Daphnia magna	not specified
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	EC50	1,4 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Fatty acids, C12-20, reaction products with triethanolamine, di-Me sulfate-quaternized 91032-11-0	EC50	0,52 mg/l	48 h	Daphnia magna	not specified
Stearamidopropyl Dimethylamine 7651-02-7	EC50	0,381 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Chronic toxicity to aquatic invertebrates

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	NOEC	0,128 mg/l	21 d	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)
Stearamidopropyl Dimethylamine 7651-02-7	NOEC	0,2 mg/l	21 d	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)

Toxicity (Algae):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	EC50	3,4 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)
Stearamidopropyl Dimethylamine 7651-02-7	EC10	0,071 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)
Stearamidopropyl Dimethylamine 7651-02-7	EC50	0,14 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)

Toxicity to microorganisms

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	EC 50	43 mg/l			OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)
Stearamidopropyl Dimethylamine 7651-02-7	EC10	32 mg/l	16 h		DIN 38412, part 8 (Pseudomonas Zellvermehrungshemm-Test)

12.2. Persistence and degradability

Hazardous substances CAS-No.	Result	Test type	Degradability	Exposure time	Method
2-Hydroxy-3-[(1-oxodocosyl)oxy]propyltrimethylammonium chloride 69537-38-8	readily biodegradable, but failing 10-day window	aerobic	67 - 76 %	30 d	EU Method C.4-E (Determination of the "Ready" BiodegradabilityClosed Bottle Test)
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9		aerobic	> 80 %		OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test)
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	readily biodegradable	aerobic	80 %	28 d	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Fatty acids, C12-20, reaction products with triethanolamine, di-Me sulfate-quaternized 91032-11-0		aerobic	94 %	28 d	ISO 10708 (BODIS-Test)
Stearamidopropyl Dimethylamine 7651-02-7	readily biodegradable	aerobic	88 %	28 d	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	not readily biodegradable.	aerobic	0 %	28 d	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	not inherently biodegradable	aerobic	51 %	28 d	OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test)

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

Hazardous substances CAS-No.	LogPow	Temperature	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	3,29	20 °C	not specified
Stearamidopropyl Dimethylamine 7651-02-7	2,01	20 °C	EU Method A.8 (Partition Coefficient)

12.5. Results of PBT and vPvB assessment

Hazardous substances CAS-No.	PBT / vPvB
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Fatty acids, C12-20, reaction products with triethanolamine, di-Me sulfate-quaternized 91032-11-0	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Stearamidopropyl Dimethylamine 7651-02-7	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:
Consider national regulations.

SECTION 14: Transport information

14.1. UN number

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.2. UN proper shipping name

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.3. Transport hazard class(es)

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.4. Packing group

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.5. Environmental hazards

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.6. Special precautions for user

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations/information (Germany):

WGK:	2, water-endangering product. (German VwVwS of May 17, 1999) Classification in conformity with the calculation method
Storage class according to TRGS 510:	10

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

H315 Causes skin irritation.
H318 Causes serious eye damage.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

Further information:
This information is not related to the use of the product, it is based on our current level of knowledge.

Revision Number: 001.0 **Issue date:** 12/16/2019

1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

Product identifier used on the label: **Authentic Beauty Concept Hydrate Essence**

Recommended use of the chemical and restrictions on use: Hair Treatment, rinse-off

Name, address and telephone number of the chemical manufacturer:
Henkel Corporation
One Henkel Way
Rocky Hill CT 06067

CHEMTREC: 1-800-424-9300 (24 hours daily)
Internet: www.henkel-northamerica.com

Emergency telephone number: Medical Emergencies:1-800-258-3425

2. HAZARDS IDENTIFICATION

The hazards described in this Globally Harmonized System Safety Data Sheet (SDS) are not intended for consumers, and does not address consumer use of the product. For information regarding consumer applications of this product, refer to the product label.

Classification of the substance or mixture in accordance with paragraph (d) of §1910.1200

HAZARD CLASS	HAZARD CATEGORY
FLAMMABLE LIQUID	3
SERIOUS EYE DAMAGE	1

Signal word, hazard statement(s), symbol(s) and precautionary statement(s) in accordance with paragraph (f) of §1910.1200

Signal word: DANGER

Hazard Statement(s):
Flammable liquid and vapor.
Causes serious eye damage.

Symbol(s):

Precautionary Statements:

Prevention:
Keep away from heat, sparks, open flames, hot surfaces - no smoking.
Keep container tightly closed.
No release into water.
Use explosion-proof equipment.
Use non-sparking tools.
Take action to prevent static discharges.
Wear protective gloves, eye protection, and face protection.

Response:
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
In case of fire: Use foam, dry chemical or carbon dioxide to extinguish.

Storage: Store in a well-ventilated place. Keep cool.

Disposal: Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

Hazards not otherwise Not available.

classified:

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

The following chemicals are classified as health hazards in accordance with paragraph (d) of § 1910.1200.

Chemical Name*	CAS Number (Unique Identifier)	Concentration
Ethanol denatured	64-17-5	>= 5 - < 10 %
Stearamidopropyl dimethylamine	7651-02-7	>= 1 - < 5 %
l-(+)-Lactic acid	79-33-4	>= 1 - < 5 %

*The specific chemical identity and/or exact percentage (concentration) of composition has been withheld because a trade secret is claimed in accordance with paragraph (i) of §1910.1200.

Actual concentration or concentration range is withheld as a trade secret

4. FIRST AID MEASURES

Description of necessary measures

Inhalation: First aid measures not required.
Skin contact: First aid measures not required.
Eye contact: Rinse eyes with plenty of water until no evidence of product remains. Get medical attention if pain or irritation develops.
Ingestion: Dilution by rinsing the mouth and giving water or milk to drink is generally recommended. Contact physician or local poison control center.

Most important symptoms and effects, both acute and delayed

After eye contact: May cause mild to severe irritation with possiblity of permanent eye damage. After skin contact: No adverse effects anticipated from normal use. After ingestion: Ingestion may cause irritation of mouth, throat, digestive tract, diarrhea and vomiting.
After inhalation: Unlikely to occur due to the physical properties of the product.

Indication of any immediate medical attention and special treatment needed

After eye contact: Rinse eyes with plenty of water until no evidence of product remains. After skin contact: Rinse affected area with mild soap and water until no evidence of product remains. After ingestion: Administer immediately plenty of water. With ingestion of larger quantities (in adults one tablespoon) or in the case of discomfort or pain seek immediate medical attention. After inhalation: Remove from exposure area to fresh air.

5. FIRE FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Alcohol resistant foam, dry chemical or carbon dioxide. For larger fires, flood with fine water spray or alcohol-resistant foam.

Unsuitable extinguishing media: Not available.

Specific hazards arising from the chemical

alcohols carbon oxides. Hydrogen chloride. nitrogen oxides Sulphur oxides

Special protective equipment and precautions for fire-fighters

Shut off all ignition sources Move containers from fire area if you can do it without risk. Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Use flooding amounts of water as a fog. Cool the packaging with spray water from a protected area. Remove products unaffected by fire from the hazardous area. Avoid breathing vapors; keep upwind. As with any containerized or pressurized chemicals, in the event of overheating or direct flame contact, evacuate the area to minimize hazard of potential explosion.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear skin, eye and respiratory protection as recommended in Section 8. Stop leak if you can do it without risk. Spills present a slipping hazard. Keep unnecessary personnel away. Ventilate spill area if possible. Make sure area is slip-free before re-opening to traffic.

Environmental precautions

Small or household quantities may be disposed in regular domestic trash. For larger quantities check with your local disposal authorities.

Methods and materials for containment and cleaning up

SMALL SPILLS: Pick up small spills with towels, tissue, etc. and place into containers for later disposal. Wash site of spillage thoroughly with water. LARGE SPILLS: Dike far ahead of spill to prevent further movement. Recover by pumping or by using a suitable absorbent material and place into containers for later disposal. Dispose in suitable waste container.

7. HANDLING AND STORAGE

Precautions for safe handling

No unusual handling requirements Do not get in eyes. Do not take internally.

Conditions for safe storage, including any incompatibilities

Flammable liquid. Store away from incompatible substances, excessive heat, flames, sparks or other ignition sources. Storage areas for large quantities (warehouse) should be well ventilated. Keep the containers tightly closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Ethanol denatured	1,000 ppm STEL	1,000 ppm (1,900 mg/m3) PEL	None	None
l-(+)-Lactic acid	None	None	None	None

Appropriate engineering controls

Provide local exhaust or general dilution ventilation to keep exposure to airborne contaminants below the permissible exposure limits where mists or vapors may be generated.

Individual protection measures

Respiratory: Air contamination monitoring should be carried out where mists or vapors are likely to be generated, to assure that the employees are not exposed to airborne contaminants above the permissible exposure limits.

Eye: Splash-proof safety glasses are required to prevent eye contact where splashing of product may occur.

Hand/Body: Protective gloves are required where repeated or prolonged skin contact may occur. Protective clothing is required where repeated or prolonged skin contact may occur.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	liquid white
Odor:	fruity, floral, powdery, vanilla
Odor threshold:	Not available.
pH:	3.70 - 4.50 (20 °C)
Melting point/ range:	Not available.
Boiling point/range:	Not available.
Flash point:	44.5 °C (112.1 °F) DIN 51755 Closed cup flash point
Evaporation rate:	Not available.
Flammable/Explosive limits - lower:	Not available.
Flammable/Explosive limits - upper:	Not available.
Vapor pressure:	Not available.
Vapor density:	Not available.
Solubility in water:	Miscible
Partition coefficient (n-octanol/water):	Not available.
Autoignition temperature:	Not available.
Decomposition temperature:	Not available.
Viscosity:	Not available.
VOC content:	Not available.

10. STABILITY AND REACTIVITY

Reactivity: Not available.

Chemical stability: Stable under normal ambient temperature (70°F, 21°C) and pressure (1 atm).

Possibility of hazardous reactions: Hazardous polymerization has not been reported to occur under normal temperatures and pressures.

Conditions to avoid: Avoid storing in direct sunlight and avoid extremes of temperature.

Incompatible materials: Strong oxidizers.

Hazardous decomposition products: Thermal decomposition may release toxic and/or hazardous gases, including hydrogen chloride and silicon dioxide.

11. TOXICOLOGICAL INFORMATION

Likely routes of exposure including symptoms related to characteristics

Inhalation:	Not an anticipated route of exposure.
Skin contact:	No adverse effects anticipated from normal use.
Eye contact:	May cause moderate to severe irritation, with possibility of corneal injury.
Ingestion:	Nausea and possible vomiting may occur.
Physical/Chemical:	The product is flammable.

Other relevant toxicity information: This product is a personal care or cosmetic product. The use of this product by consumers is safe under normal and reasonable foreseen use.

Numerical measures of toxicity, including delayed and immediate effect

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Ethanol denatured	Oral LD50 (RAT) = 9.9 g/kg Oral LD50 (RAT) = 6.2 g/kg Oral LD50 (RAT) = 17.8 g/kg Oral LD50 (RAT) = 11.5 g/kg Oral LD50 (RAT) = 10.6 g/kg Oral LD50 (RAT) = 7,060 mg/kg	Central nervous system, Irritant
Stearamidopropyl dimethylamine	None	No Data
l-(+)-Lactic acid	None	No Data

Carcinogenicity information

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Ethanol denatured	No	No	No
Stearamidopropyl dimethylamine	No	No	No
l-(+)-Lactic acid	No	No	No

Carcinogenicity None of the ingredients in this product are listed as carcinogens by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP) or the Occupational Safety and Health Administration (OSHA).

Mutagenicity None of the ingredients in this product are known to cause mutagenicity.

Toxicity for reproduction None of the ingredients in this product are known as reproductive, fetal, or developmental hazards.

12. ECOLOGICAL INFORMATION

Aquatic Toxicity:

This product is anticipated to be safe for the environment at concentrations predicted in household settings under normal use conditions. The following toxicity information is available for the hazardous ingredient(s) when used as technical grade and is provided as reference for the occupational settings.

Toxicity to fish:

The aquatic toxicity profile of this product has not been determined.

Toxicity to aquatic invertebrates:

The aquatic toxicity profile of this product has not been determined.

Toxicity to algae:

The aquatic toxicity profile of this product has not been determined.

Persistence and degradability

Hazardous substances CAS-No.	Result value	Route of application	Species	Method
Ethanol denatured 64-17-5	readily biodegradable	aerobic	> 70 %	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
Stearamidopropyl dimethylamine 7651-02-7	readily biodegradable	aerobic	88 %	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Lactic acid 79-33-4	readily biodegradable		> 60 %	OECD 301 A - F

Bioaccumulative potential

The bioaccumulation potential of this product has not been determined.

Mobility in soil

The mobility of this product (in soil and water) has not been determined.

13. DISPOSAL CONSIDERATIONS

Description of waste residues:

Hazardous waste number: Not regulated

Safe handling and disposal methods:

Recommended method of disposal: Consider national regulations.

Disposal of uncleaned packages: Do not reuse this container.

14. TRANSPORT INFORMATION

The information in this section is for reference only and should not take the place of a shipping paper (bill of lading) specific to an order. Please note that the proper shipping classification may vary by packaging, properties, and mode of transportation.

U.S. Department of Transportation Ground (49 CFR)

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

International Air Transportation (ICAO/IATA)

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

Water Transportation (IMO/IMDG)

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

15. REGULATORY INFORMATION

Occupational safety and health act: Hazard Communication Standard, 29 CFR 1910.1200(g) Appendix D: The Occupational Safety and Health Administration (OSHA) require that the Safety Data Sheets (SDSs) are readily accessible to employees for all hazardous chemicals in the workplace. Since the use pattern and exposure in the workplace are generally not consistent with those experienced by consumers, this SDS may contain health hazard information not relevant to consumer use.

United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act inventory.

TSCA 12 (b) Export Notification:

CERCLA/SARA Section 302 EHS: None above reporting de minimis.
CERCLA/SARA Section 311/312: Not available.
CERCLA/SARA Section 313: None above reporting de minimis.

California Proposition 65: Not available.

Canada Regulatory Information

CEPA DSL/NDSL Status: One or more components are not listed on, and are not exempt from listing on either the Domestic Substances List or the Non-Domestic Substances List.

16. OTHER INFORMATION

DISCLAIMER: The data contained herein are furnished for information only and are believed to be reliable. However, Henkel Corporation and its affiliates ("Henkel") does not assume responsibility for any results obtained by persons over whose methods Henkel has no control. It is the user's responsibility to determine the suitability of Henkel's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any Henkel's products. In light of the foregoing, Henkel specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of Henkel's products. Henkel further disclaims any liability for consequential or incidental damages of any kind, including lost profits.

This safety data sheet contains changes from the previous version in sections: New Safety Data Sheet format.

Prepared by: R&D Support Services

Issue date: 12/16/2019

Safety Data Sheet according to Regulation (EC) No 1907/2006

Authentic Beauty Care Hydrate Lotion '18

SDS No. : 622951
V001.0
Revision: 29.10.2018
printing date: 08.08.2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Authentic Beauty Care Hydrate Lotion '18

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use:
Hair Treatment, leave-on

1.3. Details of the supplier of the safety data sheet
Henkel AG & Co. KGaA
Düsseldorf Germany
Henkelstr. 67
40191 Düsseldorf
Phone: +49 211-797-0

E-mail address of person responsible for Safety Data Sheet:
Henkel Cosmetics, e-mail : Elisabeth.Poppe@henkel.com

1.4. Emergency telephone number
The Henkel information service also provides an around-the-clock telephone service on phone no.+49-(0)211-797-3350 for exceptional cases.
Further information is available at Poison Control Centers.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008 (CLP).

2.2. Label elements (CLP)

Remarks: The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008 (CLP).

Additional labeling: EUH210 Safety data sheet available on request.

SECTION 3: Composition/information on ingredients

3.1. Substances

3.2. Mixtures

Hazardous substances according to CLP (EC) No 1272/2008:

Hazardous substances CAS-No.	EINECS	REACH-Reg No.	Content	Classification
Fatty acids, C12-20, reaction products with triethanolamine, di-Me sulfate-quaternized 91032-11-0	293-018-5		>= 1- < 2,5 %	H400 Acute hazards to the aquatic environment 1

For full text of the H - Phrases indicated by codes only see Section 16 "Other information".

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:
In case of adverse health effects seek medical advice.

Inhalation:
not relevant.

Skin contact:
Rinse with water. Take off all clothing contaminated by the product.

Eye contact:
Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

Ingestion:
Rinse the mouth. Drink 1-2 glasses of water.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
All common extinguishing agents are suitable.

Extinguishing media which must not be used for safety reasons:
None known

5.2. Special hazards arising from the substance or mixture

The release of following substances is possible in case of fire:

carbon oxides.
Hydrogen chloride.
nitrogen oxides
Sulphur oxides

5.3. Advice for firefighters

Wear self-contained breathing apparatus.
Wear protective equipment.

Additional information:

Dispose of combustion residues and contaminated fire-fighting water in accordance with statutory regulations.
Collect contaminated fire fighting water separately. It must not enter drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No information.

6.2. Environmental precautions

Do not allow to enter drainage system, surface or ground water of not diluted product.
Do not dispose of in wastepaper bin or trash-can.

6.3. Methods and material for containment and cleaning up

Dilute small quantities with large amount of water and rinse.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling advice:
No particular measures required.

Fire and explosion protection information:
No special measures required if used properly.

Hygiene measures:
Do not eat, drink or smoke while working.
Immediately remove soiled or soaked clothing.
Wash hands before work breaks and after finishing work.
Keep away from food, beverages and animal feed.

7.2. Conditions for safe storage, including any incompatibilities
Store in sealed original container protected against moisture.
Store far from foodstuffs.

7.3. Specific end use(s)
Hair Treatment, leave-on

SECTION 8: Exposure controls/personal protection

Only relevant for professional/industrial use

8.1. Control parameters
Valid for
Germany

None

8.2. Exposure controls

Engineering controls:
Ensure good ventilation/suction at the workplace.

Respiratory protection:
Not needed.

Hand protection:
For the contact with product protective gloves made from Spezial-Nitril (material thickness > 0.1 mm, break through time > 480 min class 6) are recommended according to EN 374. In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. We recommend to change single-use protective gloves periodical and a hand care plan in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.
Manufacturer e.g. German company KCL, type Dermatril.

Eye protection:
Protective goggles

Skin protection:
Suitable protective clothing

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

The following data apply to the whole mixture:

Appearance	gel high viscosity white
Odor	fruity, floral, vanilla, powdery
pH (20 °C (68 °F))	3,50 - 4,50
Initial boiling point	Not applicable
Flash point	Not applicable
Decomposition temperature	Not applicable
Vapour pressure	Not applicable
Density (20 °C (68 °F))	0,980 - 1,010 g/cm3
Bulk density	Not applicable
Viscosity (Brookfield; Instrument: RVDV II+; 20 °C (68 °F); speed of rotation: 20 min-1; Spindle No: 5)	10.000 - 19.000 mPa.s
Viscosity (kinematic)	Not applicable
Explosive properties	Not applicable
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	Partially soluble
Solidification temperature	Not applicable
Melting point	Not applicable
Flammability	Not applicable
Auto-ignition temperature	Not applicable
Explosive limits	Not applicable
Partition coefficient: n-octanol/water	Not applicable
Evaporation rate	Not applicable
Vapor density	Not applicable
Oxidising properties	Not applicable
Container pressure	Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity
None if used for intended purpose.

10.2. Chemical stability
None known.

10.3. Possibility of hazardous reactions
See section reactivity
None known.

10.4. Conditions to avoid
None known.

10.5. Incompatible materials
None known.

10.6. Hazardous decomposition products
None known.

SECTION 11: Toxicological information

General toxicological information:
The present product is a chemical preparation within the meaning of the chemicals act. The following evaluation has been made on the basis of the toxicological data and content by weight of the individual ingredients.
No information exists about acute toxic, irritative or otherwise harmful effects caused by the product.

11.1. Information on toxicological effects

Acute oral toxicity:

No data available.

Acute dermal toxicity:

No data available.

Acute inhalative toxicity:

No data available.

Skin corrosion/irritation:

No data available.

Serious eye damage/irritation:

No data available.

Respiratory or skin sensitization:

No data available.

Germ cell mutagenicity:

No data available.

Carcinogenicity

No data available.

Reproductive toxicity:

No data available.

STOT-single exposure:

No data available.

STOT-repeated exposure::

No data available.

Aspiration hazard:

No data available.

SECTION 12: Ecological information

General ecological information:
The ecological evaluation of the product is based on data from the raw material and/or comparable substances.

12.1. Toxicity

Toxicity (Fish):

No data available.

Toxicity (Daphnia):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Fatty acids, C12-20, reaction products with triethanolamine, di-Me sulfate-quaternized 91032-11-0	EC50	0,52 mg/l	48 h	Daphnia magna	not specified

Chronic toxicity to aquatic invertebrates

No data available.

Toxicity (Algae):

No data available.

Toxicity to microorganisms

No data available.

12.2. Persistence and degradability

Hazardous substances CAS-No.	Result	Test type	Degradability	Exposure time	Method
Fatty acids, C12-20, reaction products with triethanolamine, di-Me sulfate-quaternized 91032-11-0		aerobic	94 %	28 d	ISO 10708 (BODIS-Test)

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

Hazardous substances CAS-No.	PBT / vPvB
Fatty acids, C12-20, reaction products with triethanolamine, di-Me sulfate-quaternized 91032-11-0	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:
Consider national regulations.

SECTION 14: Transport information

14.1. UN number

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.2. UN proper shipping name

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.3. Transport hazard class(es)

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.4. Packing group

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.5. Environmental hazards

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.6. Special precautions for user

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations/information (Germany):

WGK:	2, water-endangering product. (German VwVwS of May 17, 1999) Classification in conformity with the calculation method
Storage class according to TRGS 510:	10

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

H400 Very toxic to aquatic life.

Further information:
This information is not related to the use of the product, it is based on our current level of knowledge.

Safety Data Sheet according to Regulation (EC) No 1907/2006

Authentic Beauty Care Hydrate Mask

SDS No. : 622659
V001.0
Revision: 05.11.2018
printing date: 08.08.2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Authentic Beauty Care Hydrate Mask

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use:
Hair Treatment, rinse-off

1.3. Details of the supplier of the safety data sheet
Henkel AG & Co. KGaA
Düsseldorf Germany
Henkelstr. 67
40191 Düsseldorf
Phone: +49 211-797-0

E-mail address of person responsible for Safety Data Sheet:
Henkel Cosmetics, e-mail : Elisabeth.Poppe@henkel.com

1.4. Emergency telephone number
The Henkel information service also provides an around-the-clock telephone service on phone no.+49-(0)211-797-3350 for exceptional cases.
Further information is available at Poison Control Centers.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP):

Serious eye damage	Category 1
Causes serious eye damage.	
Chronic hazards to the aquatic environment	Category 3
Harmful to aquatic life with long lasting effects.	

2.2. Label elements (CLP)

Hazard pictogram:

Signal word:	Danger
Hazard statement:	H318 Causes serious eye damage. H412 Harmful to aquatic life with long lasting effects.
Precautionary statement: Prevention	P273 Avoid release to the environment. P280 Wear eye protection/face protection.
Precautionary statement: Response	P305+P351+P338+P315 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.
Precautionary statement: Disposal	P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

SECTION 3: Composition/information on ingredients

3.1. Substances

3.2. Mixtures

Hazardous substances according to CLP (EC) No 1272/2008:

Hazardous substances CAS-No.	EINECS	REACH-Reg No.	Content	Classification
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	271-756-9	01-2119484817-22	>= 3- < 10 %	H400 Acute hazards to the aquatic environment 1 H412 Chronic hazards to the aquatic environment 3 H315 Skin irritation 2 H318 Serious eye damage 1 H373 Specific target organ toxicity - repeated exposure 2
2-Hydroxy-3-[(1-oxodocosyl)oxy]propyltrimethylammonium chloride 69537-38-8	274-033-6		>= 1- < 10 %	H315 Skin irritation 2
Fatty acids, C12-20, reaction products with triethanolamine, di-Me sulfate-quaternized 91032-11-0	293-018-5		>= 1- < 2,5 %	H400 Acute hazards to the aquatic environment 1
Stearamidopropyl Dimethylamine 7651-02-7	231-609-1	01-2119979089-19	>= 1- < 2,5 %	H318 Serious eye damage 1 H400 Acute hazards to the aquatic environment 1 H411 Chronic hazards to the aquatic environment 2
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2			>= 0,25- < 1 %	H400 Acute hazards to the aquatic environment 1 H410 Chronic hazards to the aquatic environment 1

For full text of the H - Phrases indicated by codes only see Section 16 "Other information".

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:
In case of adverse health effects seek medical advice.
Remove casualty immediately from danger zone. Take off immediately all contaminated clothing.

Inhalation:
not relevant.

Skin contact:
Rinse with water. Take off all clothing contaminated by the product.

Eye contact:
Rinse immediately with plenty of running water (for 10 minutes), seek medical attention from a specialist.

Ingestion:
Rinse mouth and throat. Drink 1-2 glasses of water. Seek medical advice.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
All common extinguishing agents are suitable.

Extinguishing media which must not be used for safety reasons:
None known

5.2. Special hazards arising from the substance or mixture

The release of following substances is possible in case of fire:

carbon oxides.
nitrogen oxides
Hydrogen bromide
Sulphur oxides

5.3. Advice for firefighters

Wear self-contained breathing apparatus.
Wear protective equipment.

Additional information:

Dispose of combustion residues and contaminated fire-fighting water in accordance with statutory regulations.
Collect contaminated fire fighting water separately. It must not enter drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective equipment.

6.2. Environmental precautions

Do not empty into drains / surface water / ground water.
Inform authorities in the event of product spillage to water courses or sewage systems.

6.3. Methods and material for containment and cleaning up

Remove with liquid-absorbing material (chemical binder)
Dilute small quantities with large amount of water and rinse.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling advice:
Avoid skin and eye contact.

Fire and explosion protection information:
No special measures required if used properly.

Hygiene measures:
Do not eat, drink or smoke while working.
Immediately remove soiled or soaked clothing.
Wash hands before work breaks and after finishing work.
Keep away from food, beverages and animal feed.

7.2. Conditions for safe storage, including any incompatibilities
Store in sealed original container protected against moisture.
Store far from foodstuffs.

7.3. Specific end use(s)
Hair Treatment, rinse-off

SECTION 8: Exposure controls/personal protection

Only relevant for professional/industrial use

8.1. Control parameters
Valid for
Germany

Ingredient [Regulated substance]	ppm	mg/m³	Value type	Short term exposure limit category / Remarks	Remarks
Dodecane 112-40-3		600	Exposure limit(s):	2	TRGS 900
Dodecane 112-40-3			Short Term Exposure Classification:	Category II: substances with a resorptive effect.	TRGS 900

8.2. Exposure controls

Engineering controls:
Ensure good ventilation/suction at the workplace.

Respiratory protection:
Not needed.

Hand protection:
For the contact with product protective gloves made from Spezial-Nitril (material thickness > 0.1 mm, break through time > 480 min class 6) are recommended according to EN 374. In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. We recommend to change single-use protective gloves periodical and a hand care plan in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.
Manufacturer e.g. German company KCL, type Dermatril.

Eye protection:
Protective goggles

Skin protection:
Suitable protective clothing

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

The following data apply to the whole mixture:

Appearance	emulsion high viscosity white
Odor	floral, fruity, vanilla, powdery
pH (20 °C (68 °F))	3,00 - 4,00
Initial boiling point	Not applicable
Flash point	Not applicable
Decomposition temperature	Not applicable
Vapour pressure	Not applicable
Density (20 °C (68 °F))	0,980 - 1,010 g/cm3
Bulk density	Not applicable
Viscosity (Brookfield; Instrument: RVDV II+; 20 °C (68 °F); speed of rotation: 20 min-1; Spindle No: 6)	10.500 - 25.000 mPa.s
Viscosity (kinematic)	Not applicable
Explosive properties	Not applicable
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	Partially soluble
Solidification temperature	Not applicable
Melting point	Not applicable
Flammability	Not applicable
Auto-ignition temperature	Not applicable
Explosive limits	Not applicable
Partition coefficient: n-octanol/water	Not applicable
Evaporation rate	Not applicable
Vapor density	Not applicable
Oxidising properties	Not applicable
Container pressure	Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity
None if used for intended purpose.

10.2. Chemical stability
None known.

10.3. Possibility of hazardous reactions
See section reactivity
None known.

10.4. Conditions to avoid
None known.

10.5. Incompatible materials
None known.

10.6. Hazardous decomposition products
None known.

SECTION 11: Toxicological information

General toxicological information:
The present product is a chemical preparation within the meaning of the chemicals act. The following evaluation has been made on the basis of the toxicological data and content by weight of the individual ingredients.

11.1. Information on toxicological effects

Acute oral toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Stearamidopropyl Dimethylamine 7651-02-7	LD50	3.480 mg/kg	rat	OECD Guideline 401 (Acute Oral Toxicity)
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	LD50	12.500 mg/kg	rat	not specified

Acute dermal toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Stearamidopropyl Dimethylamine 7651-02-7	LD50	> 2.000 mg/kg	rabbit	not specified

Acute inhalative toxicity:

No data available.

Skin corrosion/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
Stearamidopropyl Dimethylamine 7651-02-7	not irritating		rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious eye damage/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	irritating	24 h	rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Stearamidopropyl Dimethylamine 7651-02-7	Category 1 (irreversible effects on the eye)		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Respiratory or skin sensitization:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Test type	Species	Method
Stearamidopropyl Dimethylamine 7651-02-7	not sensitising	Guinea pig maximisation test	guinea pig	OECD Guideline 406 (Skin Sensitisation)

Germ cell mutagenicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
2-Hydroxy-3-[(1-oxodocosyl)oxy]propyltrimethylammonium chloride 69537-38-8	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		Ames Test
Stearamidopropyl Dimethylamine 7651-02-7	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Stearamidopropyl Dimethylamine 7651-02-7	negative	mammalian cell gene mutation assay	with and without		OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Stearamidopropyl Dimethylamine 7651-02-7	negative	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)

Carcinogenicity

No data available.

Reproductive toxicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Test type	Route of application	Species	Method
Stearamidopropyl Dimethylamine 7651-02-7	NOAEL P 70 mg/kg		oral: gavage	rat	OECD Guideline 421 (Reproduction / Developmental Toxicity Screening Test)

STOT-single exposure:

No data available.

STOT-repeated exposure::

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Route of application	Exposure time / Frequency of treatment	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	NOAEL 10 mg/kg	oral: gavage	28 d daily, 7 d/w	rat	EU Method B.7 (Repeated Dose (28 Days) Toxicity (Oral))
Stearamidopropyl Dimethylamine 7651-02-7	NOAEL >= 200 mg/kg	dermal	13 weeks once daily (5 days/week)	rabbit	OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)

Aspiration hazard:

No data available.

SECTION 12: Ecological information

General ecological information:
The ecological evaluation of the product is based on data from the raw material and/or comparable substances.

12.1. Toxicity

Toxicity (Fish):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	LC50	> 0,5 - 1 mg/l	96 h	Brachydanio rerio (new name: Danio rerio)	OECD Guideline 203 (Fish, Acute Toxicity Test)
2-Hydroxy-3-[(1-oxodocosyl)oxy]propyltrimethylammonium chloride 69537-38-8	NOEC	3 mg/l	30 h	Brachydanio rerio (new name: Danio rerio)	OECD Guideline 210 (fish early lite stage toxicity test)
2-Hydroxy-3-[(1-oxodocosyl)oxy]propyltrimethylammonium chloride 69537-38-8	LC50	85 mg/l	48 h	Leuciscus idus	DIN 38412-15
Stearamidopropyl Dimethylamine 7651-02-7	NOEC	0,1 mg/l	9 d	Danio rerio	OECD Guideline 212 (Fish, Short-term Toxicity Test on Embryo and Sac-Fry Stages)
Stearamidopropyl Dimethylamine 7651-02-7	LC50	> 0,1 - 1 mg/l	96 h	Salmo gairdneri (new name: Oncorhynchus mykiss)	OECD Guideline 203 (Fish, Acute Toxicity Test)
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	LC50	> 0,2 - 0,8 mg/l	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)

Toxicity (Daphnia):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	EC50	1,4 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
2-Hydroxy-3-[(1-oxodocosyl)oxy]propyltrimethylammonium chloride 69537-38-8	EC50	270 mg/l	24 h	Daphnia magna	not specified
Fatty acids, C12-20, reaction products with triethanolamine, di-Me sulfate-quaternized 91032-11-0	EC50	0,52 mg/l	48 h	Daphnia magna	not specified
Stearamidopropyl Dimethylamine 7651-02-7	EC50	0,381 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Chronic toxicity to aquatic invertebrates

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	NOEC	0,128 mg/l	21 d	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)
Stearamidopropyl Dimethylamine 7651-02-7	NOEC	0,2 mg/l	21 d	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)

Toxicity (Algae):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	EC50	3,4 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)
Stearamidopropyl Dimethylamine 7651-02-7	EC10	0,071 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)
Stearamidopropyl Dimethylamine 7651-02-7	EC50	0,14 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)

Toxicity to microorganisms

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	EC 50	43 mg/l			OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)
Stearamidopropyl Dimethylamine 7651-02-7	EC10	32 mg/l	16 h		DIN 38412, part 8 (Pseudomonas Zellvermehrungshemm-Test)

12.2. Persistence and degradability

Hazardous substances CAS-No.	Result	Test type	Degradability	Exposure time	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9		aerobic	> 80 %		OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test)
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	readily biodegradable	aerobic	80 %	28 d	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
2-Hydroxy-3-[(1-oxodocosyl)oxy]propyltrimethylammonium chloride 69537-38-8	readily biodegradable, but failing 10-day window	aerobic	67 - 76 %	30 d	EU Method C.4-E (Determination of the "Ready" BiodegradabilityClosed Bottle Test)
Fatty acids, C12-20, reaction products with triethanolamine, di-Me sulfate-quaternized 91032-11-0		aerobic	94 %	28 d	ISO 10708 (BODIS-Test)
Stearamidopropyl Dimethylamine 7651-02-7	readily biodegradable	aerobic	88 %	28 d	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	not readily biodegradable.	aerobic	0 %	28 d	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	not inherently biodegradable	aerobic	51 %	28 d	OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test)

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

Hazardous substances CAS-No.	LogPow	Temperature	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	3,29	20 °C	not specified
Stearamidopropyl Dimethylamine 7651-02-7	2,01	20 °C	EU Method A.8 (Partition Coefficient)

12.5. Results of PBT and vPvB assessment

Hazardous substances CAS-No.	PBT / vPvB
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Fatty acids, C12-20, reaction products with triethanolamine, di-Me sulfate-quaternized 91032-11-0	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Stearamidopropyl Dimethylamine 7651-02-7	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:
Consider national regulations.

SECTION 14: Transport information

14.1. UN number

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.2. UN proper shipping name

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.3. Transport hazard class(es)

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.4. Packing group

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.5. Environmental hazards

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.6. Special precautions for user

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations/information (Germany):

WGK:	2, water-endangering product. (German VwVwS of May 17, 1999) Classification in conformity with the calculation method
Storage class according to TRGS 510:	10

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

H315 Causes skin irritation.
H318 Causes serious eye damage.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

Further information:
This information is not related to the use of the product, it is based on our current level of knowledge.

Safety Data Sheet according to (EC) No 1907/2006 as amended

Authentic Beauty Care Concept Hydrate Spray Conditioner

SDS No. : 623823
V001.1
Revision: 16.07.2020
printing date: 19.11.2020

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Authentic Beauty Care Concept Hydrate Spray Conditioner

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use:
Spray Treatment, leave on

1.3. Details of the supplier of the safety data sheet
Henkel AG & Co. KGaA
Düsseldorf Germany
Henkelstr. 67
40191 Düsseldorf
Phone: +49 211-797-0

E-mail address of person responsible for Safety Data Sheet:
Henkel Cosmetics, e-mail : Elisabeth.Poppe@henkel.com

1.4. Emergency telephone number
The Henkel information service also provides an around-the-clock telephone service on phone no.+49-(0)211-797-3350 for exceptional cases.
Further information is available at Poison Control Centers.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP):

Flammable liquids	Category 3
Flammable liquid and vapor.	
Serious eye irritation	Category 2
Causes serious eye irritation.	

2.2. Label elements (CLP)

Hazard pictogram:

Signal word:	Warning
Hazard statement:	H226 Flammable liquid and vapor. H319 Causes serious eye irritation.
Precautionary statement: Prevention	P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking. P280 Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary statement: Response	P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. P337+P313 If eye irritation persists: Get medical advice/attention. P370+P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.
Precautionary statement: Storage	P403+P235 Store in a well-ventilated place. Keep cool.

SECTION 3: Composition/information on ingredients

3.1. Substances

3.2. Mixtures

Hazardous substances according to CLP (EC) No 1272/2008:

Hazardous substances CAS-No.	EINECS	REACH-Reg No.	Content	Classification
Ethanol denatured 64-17-5	200-578-6	01-2119457610-43	>= 1- < 10 %	H225 Flammable liquids 2 H319 Serious eye irritation 2
Stearamidopropyl dimethylamine 7651-02-7	231-609-1	01-2119979089-19	>= 1- < 2,5 %	H318 Serious eye damage 1 H400 Acute hazards to the aquatic environment 1 H411 Chronic hazards to the aquatic environment 2

For full text of the H - Phrases indicated by codes only see Section 16 "Other information".

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:
In case of adverse health effects seek medical advice.
Remove casualty immediately from danger zone. Take off immediately all contaminated clothing.

Inhalation:
Move to fresh air.

Skin contact:
Rinse with water. Take off all clothing contaminated by the product.

Eye contact:
Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

Ingestion:
Rinse the mouth. Drink 1-2 glasses of water.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
Carbon dioxide.

Extinguishing media which must not be used for safety reasons:
High pressure waterjet

5.2. Special hazards arising from the substance or mixture

The release of following substances is possible in case of fire:

carbon oxides.
nitrogen oxides
Hydrogen chloride.

5.3. Advice for firefighters

Wear self-contained breathing apparatus.
Wear protective equipment.

Additional information:

Dispose of combustion residues and contaminated fire-fighting water in accordance with statutory regulations.
Collect contaminated fire fighting water separately. It must not enter drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No information.

6.2. Environmental precautions

Do not allow to enter drainage system, surface or ground water of not diluted product.
Do not dispose of in wastepaper bin or trash-can.

6.3. Methods and material for containment and cleaning up

Dilute small quantities with large amount of water and rinse.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling advice:
No particular measures required.

Fire and explosion protection information:
Take measures to prevent the build-up of electrostatic charges.
Keep away from sources of ignition - no smoking.

Hygiene measures:
Do not eat, drink or smoke while working.
Immediately remove soiled or soaked clothing.
Wash hands before work breaks and after finishing work.
Keep away from food, beverages and animal feed.

7.2. Conditions for safe storage, including any incompatibilities

Store in sealed original container protected against moisture.
Store far from foodstuffs.

7.3. Specific end use(s)

Spray Treatment, leave on

SECTION 8: Exposure controls/personal protection

Only relevant for professional/industrial use

8.1. Control parameters

Valid for

Germany

Ingredient [Regulated substance]	ppm	mg/m³	Value type	Short term exposure limit category / Remarks	Remarks
Ethanol 64-17-5			Short Term Exposure Classification:	Category II: substances with a resorptive effect.	TRGS 900
Ethanol 64-17-5	200	380	Exposure limit(s):	4 If the AGW and BGW values are complied with, there should be no risk of reproductive damage (see Number 2.7).	TRGS 900
Glycerol 56-81-5		200	Exposure limit(s):	2 If the AGW and BGW values are complied with, there should be no risk of reproductive damage (see Number 2.7).	TRGS 900
Glycerol 56-81-5			Short Term Exposure Classification:	Category I: substances for which the localized effect has an assigned OEL or for substances with a sensitizing effect in respiratory passages.	TRGS 900

8.2. Exposure controls

Engineering controls:
Ensure good ventilation/suction at the workplace.

Respiratory protection:
Not needed.

Hand protection:
For the contact with product protective gloves made from Spezial-Nitril (material thickness > 0.1 mm, break through time > 480 min class 6) are recommended according to EN 374. In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. We recommend to change single-use protective gloves periodical and a hand care plan in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.

Manufacturer e.g. German company KCL, type Dermatril.

Eye protection:
Protective goggles

Skin protection:
Suitable protective clothing

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

The following data apply to the whole mixture:

Appearance	liquid turbid, clear white, colourless
Odor	fruity, floral, vanilla, powdery
pH (20 °C (68 °F))	3,70 - 4,50

Initial boiling point	Not applicable
Flash point	44,5 °C (112.1 °F); DIN 51755 Closed cup flash point
Decomposition temperature	Not applicable
Vapour pressure	Not applicable
Density ()	0,980 - 1,010 g/cm3
Bulk density	Not applicable
Viscosity	Not applicable
Viscosity (kinematic)	Not applicable
Explosive properties	Not applicable
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	Partially soluble
Solidification temperature	Not applicable
Melting point	Not applicable
Flammability	Not applicable
Auto-ignition temperature	Not applicable
Explosive limits	Not applicable
Partition coefficient: n-octanol/water	Not applicable
Evaporation rate	Not applicable
Vapor density	Not applicable
Oxidising properties	Not applicable
Container pressure	Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity
None if used for intended purpose.

10.2. Chemical stability
None known.

10.3. Possibility of hazardous reactions
See section reactivity
None known.

10.4. Conditions to avoid
Keep away from sources of ignition and naked flames.

10.5. Incompatible materials
None known.

10.6. Hazardous decomposition products
None known.

SECTION 11: Toxicological information

General toxicological information:
The present product is a chemical preparation within the meaning of the chemicals act. The following evaluation has been made on the basis of the toxicological data and content by weight of the individual ingredients.
No information exists about acute toxic, irritative or otherwise harmful effects caused by the product.

11.1. Information on toxicological effects

Acute oral toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Ethanol denatured 64-17-5	LD50	10.470 mg/kg	rat	OECD Guideline 401 (Acute Oral Toxicity)
Stearamidopropyl dimethylamine 7651-02-7	LD50	3.480 mg/kg	rat	OECD Guideline 401 (Acute Oral Toxicity)

Acute dermal toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Ethanol denatured 64-17-5	LD50	> 2.000 mg/kg	rabbit	OECD Guideline 402 (Acute Dermal Toxicity)
Stearamidopropyl dimethylamine 7651-02-7	LD50	> 2.000 mg/kg	rabbit	not specified

Acute inhalative toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Test atmosphere	Exposure time	Species	Method
Ethanol denatured 64-17-5	LC50	124,7 mg/l	vapour	4 h	rat	OECD Guideline 403 (Acute Inhalation Toxicity)

Skin corrosion/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Stearamidopropyl dimethylamine 7651-02-7	not irritating		rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious eye damage/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Ethanol denatured 64-17-5	irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Ethanol denatured 64-17-5	not irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Stearamidopropyl dimethylamine 7651-02-7	Category 1 (irreversible effects on the eye)		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Respiratory or skin sensitization:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Test type	Species	Method
Stearamidopropyl dimethylamine 7651-02-7	not sensitising	Guinea pig maximisation test	guinea pig	OECD Guideline 406 (Skin Sensitisation)

Germ cell mutagenicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Stearamidopropyl dimethylamine 7651-02-7	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Stearamidopropyl dimethylamine 7651-02-7	negative	mammalian cell gene mutation assay	with and without		OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Stearamidopropyl dimethylamine 7651-02-7	negative	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)

Carcinogenicity

No data available.

Reproductive toxicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Test type	Route of application	Species	Method
Stearamidopropyl dimethylamine 7651-02-7	NOAEL P 70 mg/kg		oral: gavage	rat	OECD Guideline 421 (Reproduction / Developmental Toxicity Screening Test)

STOT-single exposure:

No data available.

STOT-repeated exposure::

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Route of application	Exposure time / Frequency of treatment	Species	Method
Stearamidopropyl dimethylamine 7651-02-7	NOAEL >= 200 mg/kg	dermal	13 weeks once daily (5 days/week)	rabbit	OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)

Aspiration hazard:

No data available.

SECTION 12: Ecological information

General ecological information:
The ecological evaluation of the product is based on data from the raw material and/or comparable substances.

12.1. Toxicity

Toxicity (Fish):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Ethanol denatured 64-17-5	LC50	> 12.000 - 16.000 mg/l	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
Stearamidopropyl dimethylamine 7651-02-7	NOEC	0,1 mg/l	9 d	Danio rerio	OECD Guideline 212 (Fish, Short-term Toxicity Test on Embryo and Sac-Fry Stages)
Stearamidopropyl dimethylamine 7651-02-7	LC50	> 0,1 - 1 mg/l	96 h	Salmo gairdneri (new name: Oncorhynchus mykiss)	OECD Guideline 203 (Fish, Acute Toxicity Test)

Toxicity (Daphnia):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Ethanol denatured 64-17-5	EC50	> 100 mg/l	24 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Stearamidopropyl dimethylamine 7651-02-7	EC50	0,381 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Chronic toxicity to aquatic invertebrates

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Stearamidopropyl dimethylamine 7651-02-7	NOEC	0,2 mg/l	21 d	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)

Toxicity (Algae):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Ethanol denatured 64-17-5	EC50	> 100 mg/l	24 h	Chlorella pyrenoidosa	OECD Guideline 201 (Alga, Growth Inhibition Test)
Stearamidopropyl dimethylamine 7651-02-7	EC10	0,071 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)
Stearamidopropyl dimethylamine 7651-02-7	EC50	0,14 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)

Toxicity to microorganisms

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Ethanol denatured 64-17-5	IC50	> 1.000 mg/l	3 h	activated sludge	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)
Stearamidopropyl dimethylamine 7651-02-7	EC10	32 mg/l	16 h		DIN 38412, part 8 (Pseudomonas Zellvermehrungshemm-Test)

12.2. Persistence and degradability

Hazardous substances CAS-No.	Result	Test type	Degradability	Exposure time	Method
Ethanol denatured 64-17-5	readily biodegradable	aerobic	> 70 %	5 d	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
Stearamidopropyl dimethylamine 7651-02-7	readily biodegradable	aerobic	88 %	28 d	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

Hazardous substances CAS-No.	LogPow	Temperature	Method
Stearamidopropyl dimethylamine 7651-02-7	2,01	20 °C	EU Method A.8 (Partition Coefficient)

12.5. Results of PBT and vPvB assessment

Hazardous substances CAS-No.	PBT / vPvB
Ethanol denatured 64-17-5	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Stearamidopropyl dimethylamine 7651-02-7	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:
Consider national regulations.

SECTION 14: Transport information

14.1. UN number

ADR	1266
RID	1266
ADN	1266
IMDG	1266
IATA	1266

14.2. UN proper shipping name

ADR	PERFUMERY PRODUCTS
RID	PERFUMERY PRODUCTS
ADN	PERFUMERY PRODUCTS
IMDG	PERFUMERY PRODUCTS
IATA	Perfumery products

14.3. Transport hazard class(es)

ADR	3
RID	3
ADN	3
IMDG	3
IATA	3

14.4. Packing group

ADR	III
RID	III
ADN	III
IMDG	III
IATA	III

14.5. Environmental hazards

ADR	not applicable
RID	not applicable
ADN	not applicable
IMDG	not applicable
IATA	not applicable

14.6. Special precautions for user

ADR	not applicable Tunnelcode: (D/E)
RID	not applicable
ADN	not applicable
IMDG	not applicable
IATA	not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations/information (Germany):

WGK:	WGK 2: obviously hazardous to water (Germany. Ordinance on Facilities Handling Substances that are Hazardous to Water, ((AwSV of 21 April 2017), UBA, BAnz AT), as amended) Classification in conformity with the calculation method
Storage class according to TRGS 510:	3

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

H225 Highly flammable liquid and vapor.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.

Further information:
This information is not related to the use of the product, it is based on our current level of knowledge.

Revision Number: 001.0 **Issue date:**

1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

Product identifier used on the label: ABC Mindful Origin Hydrate Jelly Mask

Recommended use of the chemical and restrictions on use: Hair Treatment, rinse-off

Name, address and telephone number of the chemical manufacturer:
Henkel Corporation
One Henkel Way
Rocky Hill CT 06067

CHEMTREC: 1-800-424-9300 (24 hours daily)
Internet: www.henkel-northamerica.com

Emergency telephone number: Medical Emergencies:1-800-258-3425

2. HAZARDS IDENTIFICATION

The hazards described in this Globally Harmonized System Safety Data Sheet (SDS) are not intended for consumers, and does not address consumer use of the product. For information regarding consumer applications of this product, refer to the product label.

Classification of the substance or mixture in accordance with paragraph (d) of §1910.1200

HAZARD CLASS	HAZARD CATEGORY
FLAMMABLE LIQUID	3

Signal word, hazard statement(s), symbol(s) and precautionary statement(s) in accordance with paragraph (f) of §1910.1200

Signal word: WARNING

Hazard Statement(s):
Flammable liquid and vapor.

Symbol(s):

Precautionary Statements:

Prevention:
Keep away from heat, sparks, open flames, hot surfaces - no smoking.
Keep container tightly closed.
No release into water.
Use explosion-proof equipment.
Use non-sparking tools.
Take action to prevent static discharges.
Wear protective gloves, eye protection, and face protection.

Response:
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
In case of fire: Use foam, dry chemical or carbon dioxide to extinguish.

Storage:
Store in a well-ventilated place. Keep cool.

Disposal:
Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

Hazards not otherwise classified: Not available.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

The following chemicals are classified as health hazards in accordance with paragraph (d) of § 1910.1200.

Chemical Name*	CAS Number (Unique Identifier)	Concentration
Glycerol	56-81-5	>= 30 - < 50 %
Ethanol denatured	64-17-5	>= 5 - < 10 %

*The specific chemical identity and/or exact percentage (concentration) of composition has been withheld because a trade secret is claimed in accordance with paragraph (i) of §1910.1200.

Actual concentration or concentration range is withheld as a trade secret

4. FIRST AID MEASURES

Description of necessary measures

Inhalation: First aid measures not required. First aid measures not required.
Skin contact: First aid measures not required. First aid measures not required.
Eye contact: Rinse eyes with plenty of water until no evidence of product remains. Get medical attention if pain or irritation develops. Rinse eyes with plenty of water until no evidence of product remains. Get medical attention if pain or irritation develops.
Ingestion: Dilution by rinsing the mouth and giving water or milk to drink is generally recommended. Contact physician or local poison control center. Dilution by rinsing the mouth and giving water or milk to drink is generally recommended. Contact physician or local poison control center.

Most important symptoms and effects, both acute and delayed

After eye contact: May cause mild transient irritation After skin contact: No adverse effects anticipated from normal use. After ingestion: Ingestion may cause irritation of mouth, throat, digestive tract, diarrhea and vomiting.
After inhalation: Unlikely to occur due to the physical properties of the product.After eye contact: May cause mild transient irritation After skin contact: No adverse effects anticipated from normal use. After ingestion: Ingestion may cause irritation of mouth, throat, digestive tract, diarrhea and vomiting.
After inhalation: Unlikely to occur due to the physical properties of the product.

Indication of any immediate medical attention and special treatment needed

After eye contact: Rinse eyes with plenty of water until no evidence of product remains. After skin contact: Rinse affected area with mild soap and water until no evidence of product remains. After ingestion: Administer immediately plenty of water. With ingestion of larger quantities (in adults one tablespoon) or in the case of discomfort or pain seek immediate medical attention. After inhalation: Remove from exposure area to fresh air.After eye contact: Rinse eyes with plenty of water until no evidence of product remains. After skin contact: Rinse affected area with mild soap and water until no evidence of product remains. After ingestion: Administer immediately plenty of water. With ingestion of larger quantities (in adults one tablespoon) or in the case of discomfort or pain seek immediate medical attention. After inhalation: Remove from exposure area to fresh air.

5. FIRE FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Alcohol resistant foam, dry chemical or carbon dioxide. For larger fires, flood with fine water spray or alcohol-resistant foam. Alcohol resistant foam, dry chemical or carbon dioxide. For larger fires, flood with fine water spray or alcohol-resistant foam.

Unsuitable extinguishing media: Not available.

Specific hazards arising from the chemical

carbon oxides. Hydrogen chloride. Sulphur oxides nitrogen oxides

Special protective equipment and precautions for fire-fighters

Shut off all ignition sources Move containers from fire area if you can do it without risk. Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Use flooding amounts of water as a fog. Cool the packaging with spray water from a protected area. Remove products unaffected by fire from the hazardous area. Avoid breathing vapors; keep upwind. As with any containerized or pressurized chemicals, in the event of overheating or direct flame contact, evacuate the area to minimize hazard of potential explosion. Shut off all ignition sources Move containers from fire area if you can do it without risk. Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Use flooding amounts of water as a fog. Cool the packaging with spray water from a protected area. Remove products unaffected by fire from the hazardous area. Avoid breathing vapors; keep upwind. As with any containerized or pressurized chemicals, in the event of overheating or direct flame contact, evacuate the area to minimize hazard of potential explosion.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear skin, eye and respiratory protection as recommended in Section 8. Stop leak if you can do it without risk. Spills present a slipping hazard. Keep unnecessary personnel away. Ventilate spill area if possible. Make sure area is slip-free before re-opening to traffic. Wear skin, eye and respiratory protection as recommended in Section 8. Stop leak if you can do it without risk. Spills present a slipping hazard. Keep unnecessary personnel away. Ventilate spill area if possible. Make sure area is slip-free before re-opening to traffic.

Environmental precautions

Small or household quantities may be disposed in regular domestic trash. For larger quantities check with your local disposal authorities. Small or household quantities may be disposed in regular domestic trash. For larger quantities check with your local disposal authorities.

Methods and materials for containment and cleaning up

SMALL SPILLS: Pick up small spills with towels, tissue, etc. and place into containers for later disposal. Wash site of spillage thoroughly with water. LARGE SPILLS: Dike far ahead of spill to prevent further movement. Recover by pumping or by using a suitable absorbent material and place into containers for later disposal. Dispose in suitable waste container. SMALL SPILLS: Pick up small spills with towels, tissue, etc. and place into containers for later disposal. Wash site of spillage thoroughly with water. LARGE SPILLS: Dike far ahead of spill to prevent further movement. Recover by pumping or by using a suitable absorbent material and place into containers for later disposal. Dispose in suitable waste container.

7. HANDLING AND STORAGE

Precautions for safe handling

No unusual handling requirements Do not get in eyes. Do not take internally. No unusual handling requirements Do not get in eyes. Do not take internally.

Conditions for safe storage, including any incompatibilities

Flammable liquid. Store away from incompatible substances, excessive heat, flames, sparks or other ignition sources. Storage areas for large quantities (warehouse) should be well ventilated. Keep the containers tightly closed when not in use. Flammable liquid. Store away from incompatible substances, excessive heat, flames, sparks or other ignition sources. Storage areas for large quantities (warehouse) should be well ventilated. Keep the containers tightly closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Glycerol	None	5 mg/m3 PEL Respirable fraction. 15 mg/m3 PEL Total dust.	None	None
Ethanol denatured	1,000 ppm STEL	1,000 ppm (1,900 mg/m3) PEL	None	None

Appropriate engineering controls

Provide local exhaust or general dilution ventilation to keep exposure to airborne contaminants below the permissible exposure limits where mists or vapors may be generated. Provide local exhaust or general dilution ventilation to keep exposure to airborne contaminants below the permissible exposure limits where mists or vapors may be generated.

Individual protection measures

Respiratory: Air contamination monitoring should be carried out where mists or vapors are likely to be generated, to assure that the employees are not exposed to airborne contaminants above the permissible exposure limits. Air contamination monitoring should be carried out where mists or vapors are likely to be generated, to assure that the employees are not exposed to airborne contaminants above the permissible exposure limits.

Eye: Splash-proof safety glasses are required to prevent eye contact where splashing of product may occur. Splash-proof safety glasses are required to prevent eye contact where splashing of product may occur.

Hand/Body: Protective gloves are required where repeated or prolonged skin contact may occur.
Protective clothing is required where repeated or prolonged skin contact may occur. Protective gloves are required where repeated or prolonged skin contact may occur.
Protective clothing is required where repeated or prolonged skin contact may occur.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	gel colourless
Odor:	floral, fruity, woody
Odor threshold:	Not available.
pH:	5.30 - 6.20 (20 °C)
Melting point/ range:	Not available.
Boiling point/range:	Not available.
Flash point:	42.0 °C (107.6 °F) ISO 1523-83
Evaporation rate:	Not available.
Flammable/Explosive limits - lower:	Not available.
Flammable/Explosive limits - upper:	Not available.
Vapor pressure:	Not available.
Vapor density:	Not available.
Solubility in water:	Soluble
Partition coefficient (n-octanol/water):	Not available.
Autoignition temperature:	Not available.
Decomposition temperature:	Not available.
Viscosity:	13,500 - 30,000 mPa.s
VOC content:	Not available.

10. STABILITY AND REACTIVITY

Reactivity: Not available.

Chemical stability: Stable under normal ambient temperature (70°F, 21°C) and pressure (1 atm).Stable under normal ambient temperature (70°F, 21°C) and pressure (1 atm).

Possibility of hazardous reactions: Hazardous polymerization has not been reported to occur under normal temperatures and pressures. Hazardous polymerization has not been reported to occur under normal temperatures and pressures.

Conditions to avoid: Avoid storing in direct sunlight and avoid extremes of temperature. Avoid storing in direct sunlight and avoid extremes of temperature.

Incompatible materials: Strong oxidizers. Strong oxidizers.

Hazardous decomposition products: Thermal decomposition may release toxic and/or hazardous gases, including hydrogen chloride and silicon dioxide. Thermal decomposition may release toxic and/or hazardous gases, including hydrogen chloride and silicon dioxide.

11. TOXICOLOGICAL INFORMATION

Likely routes of exposure including symptoms related to characteristics

Inhalation:	Not an anticipated route of exposure.
Inhalation:	Not an anticipated route of exposure.
Skin contact:	No adverse effects anticipated from normal use.
Skin contact:	No adverse effects anticipated from normal use.
Eye contact:	May cause mild transient irritation
Eye contact:	May cause mild transient irritation
Ingestion:	Nausea and possible vomiting may occur.
Ingestion:	Nausea and possible vomiting may occur.
Physical/Chemical:	The product is flammable.
Physical/Chemical:	The product is flammable.

Other relevant toxicity information:	This product is a personal care or cosmetic product. The use of this product by consumers is safe under normal and reasonable foreseen use.
Other relevant toxicity information:	This product is a personal care or cosmetic product. The use of this product by consumers is safe under normal and reasonable foreseen use.

Numerical measures of toxicity, including delayed and immediate effect

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Glycerol	None	Irritant, Nuisance dust
Ethanol denatured	Oral LD50 (RAT) = 9.9 g/kg Oral LD50 (RAT) = 6.2 g/kg Oral LD50 (RAT) = 17.8 g/kg Oral LD50 (RAT) = 11.5 g/kg Oral LD50 (RAT) = 10.6 g/kg Oral LD50 (RAT) = 7,060 mg/kg	Central nervous system, Irritant

Carcinogenicity information

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Glycerol	No	No	No
Ethanol denatured	No	No	No

Carcinogenicity	None of the ingredients in this product are listed as carcinogens by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP) or the Occupational Safety and Health Administration (OSHA).
Mutagenicity	None of the ingredients in this product are known to cause mutagenicity.
Toxicity for reproduction	None of the ingredients in this product are known as reproductive, fetal, or developmental hazards.
Carcinogenicity	None of the ingredients in this product are listed as carcinogens by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP) or the Occupational Safety and Health Administration (OSHA).
Mutagenicity	None of the ingredients in this product are known to cause mutagenicity.
Toxicity for reproduction	None of the ingredients in this product are known as reproductive, fetal, or developmental hazards.

12. ECOLOGICAL INFORMATION

Aquatic Toxicity:

This product is anticipated to be safe for the environment at concentrations predicted in household settings under normal use conditions. The following toxicity information is available for the hazardous ingredient(s) when used as technical grade and is provided as reference for the occupational settings. This product is anticipated to be safe for the environment at concentrations predicted in household settings under normal use conditions. The following toxicity information is available for the hazardous ingredient(s) when used as technical grade and is provided as reference for the occupational settings.

Toxicity to fish:

The aquatic toxicity profile of this product has not been determined.
The aquatic toxicity profile of this product has not been determined.

Toxicity to aquatic invertebrates:

The aquatic toxicity profile of this product has not been determined.
The aquatic toxicity profile of this product has not been determined.

Toxicity to algae:

The aquatic toxicity profile of this product has not been determined.
The aquatic toxicity profile of this product has not been determined.

Persistence and degradability

Hazardous substances CAS-No.	Result value	Route of application	Species	Method
Glycerol 56-81-5	readily biodegradable	aerobic	90 - 94 %	EU Method C.4-E (Determination of the "Ready" BiodegradabilityClosed Bottle Test)
Ethanol denatured 64-17-5	readily biodegradable	aerobic	> 70 %	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)

Bioaccumulative potential

The bioaccumulation potential of this product has not been determined.
The bioaccumulation potential of this product has not been determined.

Mobility in soil

The mobility of this product (in soil and water) has not been determined.
The mobility of this product (in soil and water) has not been determined.

13. DISPOSAL CONSIDERATIONS

Description of waste residues:

Hazardous waste number: D001 (Ignitability) D001 (Ignitability)

Safe handling and disposal methods:

Recommended method of disposal: This product is a RCRA characteristic (ignitable) hazardous waste and must be disposed of in a RCRA Subtitle C landfill. This product is a RCRA characteristic (ignitable) hazardous waste and must be disposed of in a RCRA Subtitle C landfill.

Disposal of uncleaned packages: Do not reuse this container. Do not reuse this container.

14. TRANSPORT INFORMATION

The information in this section is for reference only and should not take the place of a shipping paper (bill of lading) specific to an order. Please note that the proper shipping classification may vary by packaging, properties, and mode of transportation.

U.S. Department of Transportation Ground (49 CFR)

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

International Air Transportation (ICAO/IATA)

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

Water Transportation (IMO/IMDG)

Proper shipping name:	Not regulated
Hazard class or division:	None
Identification number:	None
Packing group:	None

15. REGULATORY INFORMATION

Occupational safety and health act: Hazard Communication Standard, 29 CFR 1910.1200(g) Appendix D: The Occupational Safety and Health Administration (OSHA) require that the Safety Data Sheets (SDSs) are readily accessible to employees for all hazardous chemicals in the workplace. Since the use pattern and exposure in the workplace are generally not consistent with those experienced by consumers, this SDS may contain health hazard information not relevant to consumer use.

United States Regulatory Information

TSCA 8 (b) Inventory Status:	All components are listed as active or are exempt from listing on the Toxic Substances Control Act (TSCA) inventory.
TSCA 12 (b) Export Notification:	None above reporting de minimis
CERCLA/SARA Section 302 EHS:	None above reporting de minimis.
CERCLA/SARA Section 311/312:	Not available.
CERCLA/SARA Section 313:	None above reporting de minimis.
California Proposition 65:	Not available.

Canada Regulatory Information

CEPA DSL/NDSL Status:	One or more components are not listed on, and are not exempt from listing on either the Domestic Substances List or the Non-Domestic Substances List.

16. OTHER INFORMATION

DISCLAIMER: The data contained herein are furnished for information only and are believed to be reliable. However, Henkel Corporation and its affiliates ("Henkel") does not assume responsibility for any results obtained by persons over whose methods Henkel has no control. It is the user's responsibility to determine the suitability of Henkel's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any Henkel's products. In light of the foregoing, Henkel specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of Henkel's products. Henkel further disclaims any liability for consequential or incidental damages of any kind, including lost profits.

This safety data sheet contains changes from the previous version in sections: New Safety Data Sheet format. New Safety Data Sheet format.

Prepared by: R&D Support Services R&D Support Services

Issue date:

Safety Data Sheet according to Regulation (EC) No 1907/2006

Authentic Beauty Concept Indulging Fluid Oil

SDS No. : 623194
V001.1
Revision: 05.12.2019
printing date: 21.07.2020

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Authentic Beauty Concept Indulging Fluid Oil

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use:
Hair Treatment, leave-on

1.3. Details of the supplier of the safety data sheet
Henkel AG & Co. KGaA
Düsseldorf Germany
Henkelstr. 67
40191 Düsseldorf
Phone: +49 211-797-0

E-mail address of person responsible for Safety Data Sheet:
Henkel Cosmetics, e-mail : Elisabeth.Poppe@henkel.com

1.4. Emergency telephone number
The Henkel information service also provides an around-the-clock telephone service on phone no.+49-(0)211-797-3350 for exceptional cases.
Further information is available at Poison Control Centers.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP):
Flammable liquids Category 2
Highly flammable liquid and vapor.
Aspiration hazard Category 1
May be fatal if swallowed and enters airways.

2.2. Label elements (CLP)

Hazard pictogram:

Signal word:	Danger
Hazard statement:	H225 Highly flammable liquid and vapor. H304 May be fatal if swallowed and enters airways.
Precautionary statement: Prevention	P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking. P233 Keep container tightly closed.
Precautionary statement: Response	P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. P331 Do NOT induce vomiting. P370+P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

SECTION 3: Composition/information on ingredients

3.1. Substances

3.2. Mixtures

Hazardous substances according to CLP (EC) No 1272/2008:

Hazardous substances CAS-No.	EINECS	REACH-Reg No.	Content	Classification
Undecane 1120-21-4	214-300-6		>= 30- < 50 %	H304 Aspiration hazard 1
n-Dodecane 112-40-3	203-967-9	01-2119486573-28	>= 30- < 50 %	H304 Aspiration hazard 1
Tridecane 629-50-5	211-093-4, 211-093-4		>= 10- < 20 %	H304 Aspiration hazard 1
Ethanol denatured 64-17-5	200-578-6	01-2119457610-43	>= 1- < 10 %	H225 Flammable liquids 2 H319 Serious eye irritation 2

For full text of the H - Phrases indicated by codes only see Section 16 "Other information".

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:
In case of adverse health effects seek medical advice.
Remove casualty immediately from danger zone. Take off immediately all contaminated clothing.

Inhalation:
not relevant.

Skin contact:
Rinse with water. Take off all clothing contaminated by the product.

Eye contact:
Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

Ingestion:
Rinse mouth and throat. Drink 1-2 glasses of water. Seek medical advice.
Do not induce vomiting, seek medical advice immediately.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
Carbon dioxide.

Extinguishing media which must not be used for safety reasons:
High pressure waterjet

5.2. Special hazards arising from the substance or mixture

The release of following substances is possible in case of fire:

carbon oxides.
nitrogen oxides

5.3. Advice for firefighters

Wear self-contained breathing apparatus.
Wear protective equipment.

Additional information:

Dispose of combustion residues and contaminated fire-fighting water in accordance with statutory regulations.
Collect contaminated fire fighting water separately. It must not enter drains.
In case of fire, keep containers cool with water spray.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective equipment.

6.2. Environmental precautions

Do not empty into drains / surface water / ground water.
Inform authorities in the event of product spillage to water courses or sewage systems.

6.3. Methods and material for containment and cleaning up

Remove with liquid-absorbing material (chemical binder)
Dilute small quantities with large amount of water and rinse.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling advice:
No particular measures required.

Fire and explosion protection information:
Take measures to prevent the build-up of electrostatic charges.
Keep away from sources of ignition - no smoking.

Hygiene measures:
Do not eat, drink or smoke while working.
Immediately remove soiled or soaked clothing.
Wash hands before work breaks and after finishing work.
Keep away from food, beverages and animal feed.

7.2. Conditions for safe storage, including any incompatibilities

Store in sealed original container protected against moisture.
Store far from foodstuffs.

7.3. Specific end use(s)

Hair Treatment, leave-on

SECTION 8: Exposure controls/personal protection

Only relevant for professional/industrial use

8.1. Control parameters

Valid for

Germany

Ingredient [Regulated substance]	ppm	mg/m³	Value type	Short term exposure limit category / Remarks	Remarks
Undecane 1120-21-4		600	Exposure limit(s):	2	TRGS 900
Undecane 1120-21-4			Short Term Exposure Classification:	Category II: substances with a resorptive effect.	TRGS 900
Dodecane 112-40-3		600	Exposure limit(s):	2	TRGS 900
Dodecane 112-40-3			Short Term Exposure Classification:	Category II: substances with a resorptive effect.	TRGS 900
Tridecane 629-50-5		600	Exposure limit(s):	2	TRGS 900
Tridecane 629-50-5			Short Term Exposure Classification:	Category II: substances with a resorptive effect.	TRGS 900
Ethanol 64-17-5			Short Term Exposure Classification:	Category II: substances with a resorptive effect.	TRGS 900
Ethanol 64-17-5	200	380	Exposure limit(s):	4 If the AGW and BGW values are complied with, there should be no risk of reproductive damage (see Number 2.7).	TRGS 900

8.2. Exposure controls

Engineering controls:
Ensure good ventilation/suction at the workplace.

Respiratory protection:
Not needed.

Hand protection:
For the contact with product protective gloves made from Spezial-Nitril (material thickness > 0.1 mm, break through time > 480 min class 6) are recommended according to EN 374. In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. We recommend to change single-use protective gloves periodical and a hand care plan in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.

Manufacturer e.g. German company KCL, type Dermatril.

Eye protection:
Protective goggles

Skin protection:
Suitable protective clothing

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

The following data apply to the whole mixture:

Appearance	oil clear colourless
Odor	floral, woody
pH	Not applicable
Initial boiling point	Not applicable
Flash point	15,0 °C (59 °F); DIN EN ISO 13736: Flash point, Abel, low viscosity::1876500
Decomposition temperature	Not applicable
Vapour pressure	Not applicable
Density (20 °C (68 °F))	0,750 - 0,780 g/cm3
Bulk density	Not applicable
Viscosity	Not applicable
Viscosity (kinematic)	Not applicable
Explosive properties	Not applicable
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	Insoluble
Solidification temperature	Not applicable
Melting point	Not applicable
Flammability	Not applicable
Auto-ignition temperature	Not applicable
Explosive limits	Not applicable
Partition coefficient: n-octanol/water	Not applicable
Evaporation rate	Not applicable
Vapor density	Not applicable
Oxidising properties	Not applicable
Container pressure	Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity
None if used for intended purpose.

10.2. Chemical stability
None known.

10.3. Possibility of hazardous reactions
See section reactivity
None known.

10.4. Conditions to avoid
Keep away from sources of ignition and naked flames.

10.5. Incompatible materials
None known.

10.6. Hazardous decomposition products
None known.

SECTION 11: Toxicological information

General toxicological information:
The present product is a chemical preparation within the meaning of the chemicals act. The following evaluation has been made on the basis of the toxicological data and content by weight of the individual ingredients.

11.1. Information on toxicological effects

Acute oral toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Undecane 1120-21-4	LD50	> 2.000 mg/kg	rat	OECD Guideline 401 (Acute Oral Toxicity)
n-Dodecane 112-40-3	LD50	> 5.000 mg/kg	rat	OECD Guideline 401 (Acute Oral Toxicity)
Tridecane 629-50-5	LD50	> 5.000 mg/kg	rat	OECD Guideline 401 (Acute Oral Toxicity)
Ethanol denatured 64-17-5	LD50	10.470 mg/kg	rat	OECD Guideline 401 (Acute Oral Toxicity)

Acute dermal toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Undecane 1120-21-4	LD50	> 2.000 mg/kg	rat	OECD Guideline 402 (Acute Dermal Toxicity)
n-Dodecane 112-40-3	LD50	> 2.000 mg/kg	rat	OECD Guideline 402 (Acute Dermal Toxicity)
Tridecane 629-50-5	LD50	> 2.000 mg/kg	rat	OECD Guideline 402 (Acute Dermal Toxicity)
Ethanol denatured 64-17-5	LD50	> 2.000 mg/kg	rabbit	OECD Guideline 402 (Acute Dermal Toxicity)

Acute inhalative toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Test atmosphere	Exposure time	Species	Method
Undecane 1120-21-4	LC50		vapour	4 h	rat	OECD Guideline 403 (Acute Inhalation Toxicity)
n-Dodecane 112-40-3	LC50		vapour	4 h	rat	OECD Guideline 403 (Acute Inhalation Toxicity)
Tridecane 629-50-5	LC50		vapour	4 h	rat	OECD Guideline 403 (Acute Inhalation Toxicity)
Ethanol denatured 64-17-5	LC50	124,7 mg/l	vapour	4 h	rat	OECD Guideline 403 (Acute Inhalation Toxicity)

Skin corrosion/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Undecane 1120-21-4	not irritating		rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
n-Dodecane 112-40-3	not irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
Tridecane 629-50-5	slightly irritating		rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious eye damage/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Undecane 1120-21-4	not irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
n-Dodecane 112-40-3	not irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Tridecane 629-50-5	not irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Ethanol denatured 64-17-5	irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Ethanol denatured 64-17-5	not irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Respiratory or skin sensitization:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Test type	Species	Method
Undecane 1120-21-4	not sensitising	Guinea pig maximisation test	guinea pig	OECD Guideline 406 (Skin Sensitisation)
n-Dodecane 112-40-3	not sensitising	Guinea pig maximisation test	guinea pig	OECD Guideline 406 (Skin Sensitisation)
Tridecane 629-50-5	not sensitising	Guinea pig maximisation test	guinea pig	OECD Guideline 406 (Skin Sensitisation)

Germ cell mutagenicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Undecane 1120-21-4	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Undecane 1120-21-4	negative	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Undecane 1120-21-4	negative	mammalian cell gene mutation assay	with and without		OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Undecane 1120-21-4	negative	sister chromatid exchange assay in mammalian cells	with and without		OECD Guideline 479 (Genetic Toxicology: In Vitro Sister Chromatid Exchange Assay in Mammalian Cells)
n-Dodecane 112-40-3	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
n-Dodecane 112-40-3	negative	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
n-Dodecane 112-40-3	negative	sister chromatid exchange assay in mammalian cells	with and without		OECD Guideline 479 (Genetic Toxicology: In Vitro Sister Chromatid Exchange Assay in Mammalian Cells)
n-Dodecane 112-40-3	negative	mammalian cell gene mutation assay	with and without		OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Tridecane 629-50-5	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Tridecane 629-50-5	negative	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Tridecane 629-50-5	negative	mammalian cell gene mutation assay	with and without		OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Tridecane 629-50-5	negative	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 479 (Genetic Toxicology: In Vitro Sister Chromatid Exchange Assay in Mammalian Cells)

Carcinogenicity

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous components CAS-No.	Result	Route of application	Exposure time / Frequency of treatment	Species	Sex	Method
n-Dodecane 112-40-3	not carcinogenic	inhalation: vapour	6 h + 12 min/d for 105 weeks 5 d/w	mouse	male	OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)

Reproductive toxicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Test type	Route of application	Species	Method
Undecane 1120-21-4	NOAEL P >= 1.500 mg/kg NOAEL F1 750 mg/kg	one-generation study	oral: gavage	rat	OECD Guideline 415 (One-Generation Reproduction Toxicity Study)
n-Dodecane 112-40-3	NOAEL P >= 3.000 mg/kg NOAEL F1 >= 3.000 mg/kg	one-generation study	oral: gavage	rat	OECD Guideline 415 (One-Generation Reproduction Toxicity Study)
n-Dodecane 112-40-3	NOAEL P >= 1.500 mg/kg NOAEL F1 750 mg/kg	one-generation study	oral: gavage	rat	OECD Guideline 415 (One-Generation Reproduction Toxicity Study)
Tridecane 629-50-5	NOAEL P >= 3.000 mg/kg NOAEL F1 >= 3.000 mg/kg	one-generation study	oral: gavage	rat	OECD Guideline 415 (One-Generation Reproduction Toxicity Study)
Tridecane 629-50-5	NOAEL P >= 1.500 mg/kg NOAEL F1 750 mg/kg	one-generation study	oral: gavage	rat	OECD Guideline 415 (One-Generation Reproduction Toxicity Study)

STOT-single exposure:

No data available.

STOT-repeated exposure::

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Route of application	Exposure time / Frequency of treatment	Species	Method
Undecane 1120-21-4	NOAEL >= 5.000 mg/kg	oral: gavage	13 w 7 d/w	rat	OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
n-Dodecane 112-40-3	NOAEL >= 1.000 mg/kg	oral: gavage	7 d/w	rat	OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
Tridecane 629-50-5	NOAEL >= 1.000 mg/kg	oral: gavage	7 d/w	rat	OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)

Aspiration hazard:

The mixture is classified based on Viscosity data.

Hazardous substances CAS-No.	Viscosity (kinematic) Value	Temperature	Method	Remarks
n-Dodecane 112-40-3	1,5 mm2/s	40,00 °C	not specified	
n-Dodecane 112-40-3	1,98 mm2/s	20 °C	DIN EN ISO 3104	
Tridecane 629-50-5	2,34 mm2/s	20,00 °C	DIN EN ISO 3104	

SECTION 12: Ecological information

General ecological information:
The ecological evaluation of the product is based on data from the raw material and/or comparable substances.

12.1. Toxicity

Toxicity (Fish):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Undecane 1120-21-4	LC50	> 500 mg/l	96 h	Cyprinodon variegatus	OECD Guideline 203 (Fish, Acute Toxicity Test)
n-Dodecane 112-40-3	LL50		96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
Ethanol denatured 64-17-5	LC50	> 12.000 - 16.000 mg/l	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)

Toxicity (Daphnia):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Undecane 1120-21-4	EC50	18 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
n-Dodecane 112-40-3	EL50		48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Ethanol denatured 64-17-5	EC50	> 100 mg/l	24 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Chronic toxicity to aquatic invertebrates

No data available.

Toxicity (Algae):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Undecane 1120-21-4	NOEC	0,05 mg/l	72 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	OECD Guideline 201 (Alga, Growth Inhibition Test)
Undecane 1120-21-4	EC50	> 100 mg/l	72 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	OECD Guideline 201 (Alga, Growth Inhibition Test)
n-Dodecane 112-40-3	EL50		72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
n-Dodecane 112-40-3	NOELR		72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
Ethanol denatured 64-17-5	EC50	> 100 mg/l	24 h	Chlorella pyrenoidosa	OECD Guideline 201 (Alga, Growth Inhibition Test)

Toxicity to microorganisms

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Ethanol denatured 64-17-5	IC50	> 1.000 mg/l	3 h	activated sludge	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)

12.2. Persistence and degradability

Hazardous substances CAS-No.	Result	Test type	Degradability	Exposure time	Method
n-Dodecane 112-40-3	readily biodegradable	aerobic	76,6 %	28 d	OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test)
Ethanol denatured 64-17-5	readily biodegradable	aerobic	> 70 %	5 d	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

Hazardous substances CAS-No.	LogPow	Temperature	Method
Undecane 1120-21-4	5,74		not specified
n-Dodecane 112-40-3	7,8		OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method)
Tridecane 629-50-5	6,73		not specified

12.5. Results of PBT and vPvB assessment

Hazardous substances CAS-No.	PBT / vPvB
Ethanol denatured 64-17-5	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:
Consider national regulations.
Special waste incineration or special disposal with the approval of the responsible local authority.

SECTION 14: Transport information

14.1. UN number

ADR	1266
RID	1266
ADN	1266
IMDG	1266
IATA	1266

14.2. UN proper shipping name

ADR	PERFUMERY PRODUCTS
RID	PERFUMERY PRODUCTS
ADN	PERFUMERY PRODUCTS
IMDG	PERFUMERY PRODUCTS
IATA	Perfumery products

14.3. Transport hazard class(es)

ADR	3
RID	3
ADN	3
IMDG	3
IATA	3

14.4. Packing group

ADR	II
RID	II
ADN	II
IMDG	II
IATA	II

14.5. Environmental hazards

ADR	not applicable
RID	not applicable
ADN	not applicable
IMDG	not applicable
IATA	not applicable

14.6. Special precautions for user

ADR	Special provision 640D Tunnelcode: (D/E)
RID	Special provision 640D
ADN	Special provision 640D
IMDG	not applicable
IATA	not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations/information (Germany):

WGK:	1, slightly water-endangering product. (German VwVwS of May 17, 1999) Classification in conformity with the calculation method
Storage class according to TRGS 510:	3

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

H225 Highly flammable liquid and vapor.
H304 May be fatal if swallowed and enters airways.
H319 Causes serious eye irritation.

Further information:
This information is not related to the use of the product, it is based on our current level of knowledge.

Safety Data Sheet according to Regulation (EC) No 1907/2006

Authentic Beauty Concept Replenish Balm '18

SDS No. : 622942
V001.0
Revision: 29.10.2018
printing date: 25.09.2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Authentic Beauty Concept Replenish Balm '18

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use:
Hair Treatment, leave-on

1.3. Details of the supplier of the safety data sheet
Henkel AG & Co. KGaA
Düsseldorf Germany
Henkelstr. 67
40191 Düsseldorf
Phone: +49 211-797-0

E-mail address of person responsible for Safety Data Sheet:
Henkel Cosmetics, e-mail : Elisabeth.Poppe@henkel.com

1.4. Emergency telephone number
The Henkel information service also provides an around-the-clock telephone service on phone no.+49-(0)211-797-3350 for exceptional cases.
Further information is available at Poison Control Centers.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008 (CLP).

2.2. Label elements (CLP)

Remarks: The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008 (CLP).

Additional labeling: EUH210 Safety data sheet available on request.

SECTION 3: Composition/information on ingredients

3.1. Substances

3.2. Mixtures

Hazardous substances according to CLP (EC) No 1272/2008:

Hazardous substances CAS-No.	EINECS	REACH-Reg No.	Content	Classification
Fatty acids, C12-20, reaction products with triethanolamine, di-Me sulfate-quaternized 91032-11-0	293-018-5		>= 1- < 2,5 %	H400 Acute hazards to the aquatic environment 1

For full text of the H - Phrases indicated by codes only see Section 16 "Other information".

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:
In case of adverse health effects seek medical advice.

Inhalation:
not relevant.

Skin contact:
Rinse with water. Take off all clothing contaminated by the product.

Eye contact:
Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

Ingestion:
Rinse the mouth. Drink 1-2 glasses of water.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
All common extinguishing agents are suitable.

Extinguishing media which must not be used for safety reasons:
None known

5.2. Special hazards arising from the substance or mixture

The release of following substances is possible in case of fire:

carbon oxides.
Hydrogen chloride.
nitrogen oxides
Sulphur oxides

5.3. Advice for firefighters

Wear self-contained breathing apparatus.
Wear protective equipment.

Additional information:

Dispose of combustion residues and contaminated fire-fighting water in accordance with statutory regulations.
Collect contaminated fire fighting water separately. It must not enter drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No information.

6.2. Environmental precautions

Do not allow to enter drainage system, surface or ground water of not diluted product.
Do not dispose of in wastepaper bin or trash-can.

6.3. Methods and material for containment and cleaning up

Dilute small quantities with large amount of water and rinse.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling advice:
No particular measures required.

Fire and explosion protection information:
No special measures required if used properly.

Hygiene measures:
Do not eat, drink or smoke while working.
Immediately remove soiled or soaked clothing.
Wash hands before work breaks and after finishing work.
Keep away from food, beverages and animal feed.

7.2. Conditions for safe storage, including any incompatibilities
Store in sealed original container protected against moisture.
Store far from foodstuffs.

7.3. Specific end use(s)
Hair Treatment, leave-on

SECTION 8: Exposure controls/personal protection

Only relevant for professional/industrial use

8.1. Control parameters
Valid for
Germany

None

8.2. Exposure controls

Engineering controls:
Ensure good ventilation/suction at the workplace.

Respiratory protection:
Not needed.

Hand protection:
For the contact with product protective gloves made from Spezial-Nitril (material thickness > 0.1 mm, break through time > 480 min class 6) are recommended according to EN 374. In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. We recommend to change single-use protective gloves periodical and a hand care plan in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.
Manufacturer e.g. German company KCL, type Dermatril.

Eye protection:
Protective goggles

Skin protection:
Suitable protective clothing

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

The following data apply to the whole mixture:

Appearance	emulsion high viscosity white
Odor	oriental, floral, woody, powdery
pH (20 °C (68 °F))	3,50 - 4,50
Initial boiling point	Not applicable
Flash point	Not applicable
Decomposition temperature	Not applicable
Vapour pressure	Not applicable
Density (20 °C (68 °F))	0,980 - 1,010 g/cm3
Bulk density	Not applicable
Viscosity (Brookfield; Instrument: RVDV II+; 20 °C (68 °F); speed of rotation: 20 min-1; Spindle No: 5)	10.000 - 19.000 mPa.s
Viscosity (kinematic)	Not applicable
Explosive properties	Not applicable
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	Partially soluble
Solidification temperature	Not applicable
Melting point	Not applicable
Flammability	Not applicable
Auto-ignition temperature	Not applicable
Explosive limits	Not applicable
Partition coefficient: n-octanol/water	Not applicable
Evaporation rate	Not applicable
Vapor density	Not applicable
Oxidising properties	Not applicable
Container pressure	Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity
None if used for intended purpose.

10.2. Chemical stability
None known.

10.3. Possibility of hazardous reactions
See section reactivity
None known.

10.4. Conditions to avoid
None known.

10.5. Incompatible materials
None known.

10.6. Hazardous decomposition products
None known.

SECTION 11: Toxicological information

General toxicological information:
The present product is a chemical preparation within the meaning of the chemicals act. The following evaluation has been made on the basis of the toxicological data and content by weight of the individual ingredients.
No information exists about acute toxic, irritative or otherwise harmful effects caused by the product.

11.1. Information on toxicological effects

Acute oral toxicity:

No data available.

Acute dermal toxicity:

No data available.

Acute inhalative toxicity:

No data available.

Skin corrosion/irritation:

No data available.

Serious eye damage/irritation:

No data available.

Respiratory or skin sensitization:

No data available.

Germ cell mutagenicity:

No data available.

Carcinogenicity

No data available.

Reproductive toxicity:

No data available.

STOT-single exposure:

No data available.

STOT-repeated exposure::

No data available.

Aspiration hazard:

No data available.

SECTION 12: Ecological information

General ecological information:
The ecological evaluation of the product is based on data from the raw material and/or comparable substances.

12.1. Toxicity

Toxicity (Fish):

No data available.

Toxicity (Daphnia):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Fatty acids, C12-20, reaction products with triethanolamine, di-Me sulfate-quaternized 91032-11-0	EC50	0,52 mg/l	48 h	Daphnia magna	not specified

Chronic toxicity to aquatic invertebrates

No data available.

Toxicity (Algae):

No data available.

Toxicity to microorganisms

No data available.

12.2. Persistence and degradability

Hazardous substances CAS-No.	Result	Test type	Degradability	Exposure time	Method
Fatty acids, C12-20, reaction products with triethanolamine, di-Me sulfate-quaternized 91032-11-0		aerobic	94 %	28 d	ISO 10708 (BODIS-Test)

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

Hazardous substances CAS-No.	PBT / vPvB
Fatty acids, C12-20, reaction products with triethanolamine, di-Me sulfate-quaternized 91032-11-0	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:
Consider national regulations.

SECTION 14: Transport information

14.1. UN number

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.2. UN proper shipping name

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.3. Transport hazard class(es)

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.4. Packing group

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.5. Environmental hazards

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.6. Special precautions for user

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations/information (Germany):

WGK:	2, water-endangering product. (German VwVwS of May 17, 1999) Classification in conformity with the calculation method
Storage class according to TRGS 510:	10

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

H400 Very toxic to aquatic life.

Further information:
This information is not related to the use of the product, it is based on our current level of knowledge.

Safety Data Sheet according to Regulation (EC) No 1907/2006

ABC Shampoo For Damaged Hair 1. Prio new

SDS No. : 620887
V001.0
Revision: 26.10.2018
printing date: 08.08.2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
ABC Shampoo For Damaged Hair 1. Prio new

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use:
Shampoo

1.3. Details of the supplier of the safety data sheet
Henkel AG & Co. KGaA
Düsseldorf Germany
Henkelstr. 67
40191 Düsseldorf
Phone: +49 211-797-0

E-mail address of person responsible for Safety Data Sheet:
Henkel Cosmetics, e-mail : Elisabeth.Poppe@henkel.com

1.4. Emergency telephone number
The Henkel information service also provides an around-the-clock telephone service on phone no.+49-(0)211-797-3350 for exceptional cases.
Further information is available at Poison Control Centers.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP):

Skin irritation	Category 2
Causes skin irritation.	
Serious eye irritation	Category 2
Causes serious eye irritation.	
Chronic hazards to the aquatic environment	Category 3
Harmful to aquatic life with long lasting effects.	

2.2. Label elements (CLP)

Hazard pictogram:

Signal word:	Warning
Hazard statement:	H315 Causes skin irritation. H319 Causes serious eye irritation. H412 Harmful to aquatic life with long lasting effects.
Precautionary statement: Prevention	P264 Wash skin thoroughly after handling. P273 Avoid release to the environment. P280 Wear protective gloves.
Precautionary statement: Response	P332+P313 If skin irritation occurs: Get medical advice/attention. P337+P313 If eye irritation persists: Get medical advice/attention.
Precautionary statement: Disposal	P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

SECTION 3: Composition/information on ingredients

3.1. Substances

3.2. Mixtures

Hazardous substances according to CLP (EC) No 1272/2008:

Hazardous substances CAS-No.	EINECS	REACH-Reg No.	Content	Classification
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	270-407-8	01-2119513401-57	>= 10- < 20 %	H315 Skin irritation 2; Dermal H318 Serious eye damage 1
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	263-058-8	01-2119489410-39	>= 3- < 4 %	H318 Serious eye damage 1 H412 Chronic hazards to the aquatic environment 3
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	263-174-9	01-2119976339-21	>= 1- < 10 %	H319 Serious eye irritation 2
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2			>= 0,25- < 1 %	H400 Acute hazards to the aquatic environment 1 H410 Chronic hazards to the aquatic environment 1
Alcohols, C12-14, ethoxylated 68439-50-9			>= 0,1- < 0,25 %	H318 Serious eye damage 1 H400 Acute hazards to the aquatic environment 1 H412 Chronic hazards to the aquatic environment 3

For full text of the H - Phrases indicated by codes only see Section 16 "Other information".

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:
In case of adverse health effects seek medical advice.

Inhalation:
not relevant.

Skin contact:
Rinse with running water and soap.
Take off all clothing contaminated by the product.
If necessary, see a dermatologist.

Eye contact:
Rinse immediately with plenty of running water (for 10 minutes), seek medical attention from a specialist.

Ingestion:
Rinse mouth and throat. Drink 1-2 glasses of water. Seek medical advice.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
All common extinguishing agents are suitable.

Extinguishing media which must not be used for safety reasons:
None known

5.2. Special hazards arising from the substance or mixture

The release of following substances is possible in case of fire:

carbon oxides.
nitrogen oxides
Hydrogen chloride.

5.3. Advice for firefighters

Wear self-contained breathing apparatus.
Wear protective equipment.

Additional information:

Dispose of combustion residues and contaminated fire-fighting water in accordance with statutory regulations.
Collect contaminated fire fighting water separately. It must not enter drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective equipment.

6.2. Environmental precautions

Do not allow to enter drainage system, surface or ground water of not diluted product.
Do not dispose of in wastepaper bin or trash-can.

6.3. Methods and material for containment and cleaning up

Remove with liquid-absorbing material (chemical binder)
Dilute small quantities with large amount of water and rinse.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling advice:
Avoid skin and eye contact.

Fire and explosion protection information:
No special measures required if used properly.

Hygiene measures:
Do not eat, drink or smoke while working.
Immediately remove soiled or soaked clothing.
Wash hands before work breaks and after finishing work.
Keep away from food, beverages and animal feed.

7.2. Conditions for safe storage, including any incompatibilities
Store in sealed original container protected against moisture.
Store far from foodstuffs.

7.3. Specific end use(s)
Shampoo

SECTION 8: Exposure controls/personal protection

Only relevant for professional/industrial use

8.1. Control parameters
Valid for
Germany

None

8.2. Exposure controls

Engineering controls:
Ensure good ventilation/suction at the workplace.

Respiratory protection:
Not needed.

Hand protection:
For the contact with product protective gloves made from Spezial-Nitril (material thickness > 0.1 mm, break through time > 480 min class 6) are recommended according to EN 374. In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. We recommend to change single-use protective gloves periodical and a hand care plan in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.
Manufacturer e.g. German company KCL, type Dermatril.

Eye protection:
Protective goggles

Skin protection:
Suitable protective clothing

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

The following data apply to the whole mixture:

Appearance	liquid viscous, pearlescent white
Odor	floral, woody, powdery
pH (20 °C (68 °F))	4,50 - 5,00
Initial boiling point	Not applicable
Flash point	Not applicable
Decomposition temperature	Not applicable

Vapour pressure	Not applicable
Density (20 °C (68 °F))	1,020 - 1,050 g/cm3
Bulk density	Not applicable
Viscosity (Haake; Instrument: Haake VT 550; 20 °C (68 °F); speed of rotation: 8 min-1; Rotary measuring system: MV II)	8.000 - 13.000 mPa.s
Viscosity (kinematic)	Not applicable
Explosive properties	Not applicable
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	Soluble
Solidification temperature	Not applicable
Melting point	Not applicable
Flammability	Not applicable
Auto-ignition temperature	Not applicable
Explosive limits	Not applicable
Partition coefficient: n-octanol/water	Not applicable
Evaporation rate	Not applicable
Vapor density	Not applicable
Oxidising properties	Not applicable
Container pressure	Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity
None if used for intended purpose.

10.2. Chemical stability
None known.

10.3. Possibility of hazardous reactions
See section reactivity
None known.

10.4. Conditions to avoid
None known.

10.5. Incompatible materials
None known.

10.6. Hazardous decomposition products
None known.

SECTION 11: Toxicological information

General toxicological information:
The present product is a chemical preparation within the meaning of the chemicals act. The following evaluation has been made on the basis of the toxicological data and content by weight of the individual ingredients.

11.1. Information on toxicological effects

Acute oral toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	LD50	2.079 mg/kg	rat	not specified
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	LD50	> 5.000 mg/kg	rat	OECD Guideline 401 (Acute Oral Toxicity)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	LD50	> 5.000 mg/kg	rat	not specified
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	LD50	12.500 mg/kg	rat	not specified
Alcohols, C12-14, ethoxylated 68439-50-9	LD50	> 2.000 mg/kg	rat	OECD Guideline 401 (Acute Oral Toxicity)

Acute dermal toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	LD50	6.300 - 13.500 mg/kg	rabbit	not specified
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	LD50	> 2.000 mg/kg	rat	OECD Guideline 402 (Acute Dermal Toxicity)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	LD50	> 2.000 mg/kg	rat	OECD Guideline 402 (Acute Dermal Toxicity)
Alcohols, C12-14, ethoxylated 68439-50-9	LD50	> 3.000 mg/kg	rabbit	OECD Guideline 402 (Acute Dermal Toxicity)

Acute inhalative toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Test atmosphere	Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	LC50	> 52 mg/l	vapour	4 h	rat	not specified

Skin corrosion/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	irritating		rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	moderately irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
Alcohols, C12-14, ethoxylated 68439-50-9	not irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious eye damage/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	highly irritating		rabbit	not specified
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	highly irritating	24 h	rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Alcohols, C12-14, ethoxylated 68439-50-9	highly irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Respiratory or skin sensitization:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Test type	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	not sensitising	Guinea pig maximisation test	guinea pig	OECD Guideline 406 (Skin Sensitisation)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	not sensitising	Guinea pig maximisation test	guinea pig	Magnusson and Kligman Method
Alcohols, C12-14, ethoxylated 68439-50-9	not sensitising	Guinea pig maximisation test	guinea pig	OECD Guideline 406 (Skin Sensitisation)

Germ cell mutagenicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	negative	bacterial reverse mutation assay (e.g Ames test)			OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	negative	in vitro mammalian chromosome aberration test			OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Alcohols, C12-14, ethoxylated 68439-50-9	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Alcohols, C12-14, ethoxylated 68439-50-9	negative	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Alcohols, C12-14, ethoxylated 68439-50-9	negative	mammalian cell gene mutation assay	with and without		OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Alcohols, C12-14, ethoxylated 68439-50-9	negative	intraperitoneal		mouse	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)

Carcinogenicity

No data available.

Reproductive toxicity:

No data available.

STOT-single exposure:

No data available.

STOT-repeated exposure::

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Route of application	Exposure time / Frequency of treatment	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	NOAEL 195 mg/kg	oral: unspecified	chronic	rat	not specified
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	NOAEL 259 mg/kg	oral: unspecified	chronic	rat	not specified
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	NOAEL 1.000 mg/kg	oral: gavage	28 days 1 x/day, 5 x/week	rat	EU Method B.7 (Repeated Dose (28 Days) Toxicity (Oral))
Alcohols, C12-14, ethoxylated 68439-50-9	NOAEL >= 500 mg/kg	oral: feed	90 d daily	rat	OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)

Aspiration hazard:

No data available.

SECTION 12: Ecological information

General ecological information:
The ecological evaluation of the product is based on data from the raw material and/or comparable substances.

12.1. Toxicity

Toxicity (Fish):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	LC50	> 3,4 - 4,9 mg/l	96 h	Leuciscus idus	DIN 38412-15
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	NOEC	1,8 mg/l		Pimephales promelas	OECD Guideline 210 (fish early lite stage toxicity test)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	LC50	6,7 mg/l	96 h	Brachydanio rerio (new name: Danio rerio)	ISO 7346-1 (Determination of the Acute Lethal Toxicity of Substances to a Freshwater Fish [Brachydanio rerio Hamilton-Buchanan (Teleostei, Cyprinidae)]
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	NOEC	0,135 mg/l	100 d	Oncorhynchus mykiss	OECD Guideline 210 (fish early lite stage toxicity test)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	LC50	5,04 mg/l	96 h	Danio rerio	OECD Guideline 203 (Fish, Acute Toxicity Test)
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	LC50	> 0,2 - 0,8 mg/l	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
Alcohols, C12-14, ethoxylated 68439-50-9	LC50	1,5 mg/l	48 h	Leuciscus idus	DIN 38412-15

Toxicity (Daphnia):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	EC50	4,53 mg/l	48 h	Ceriodaphnia sp.	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	EC50	3,7 mg/l	24 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	EC50	4,6 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Alcohols, C12-14, ethoxylated 68439-50-9	EC50	2,5 mg/l	24 h	Daphnia magna	DIN 38412, part 11

Chronic toxicity to aquatic invertebrates

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Sulfonic acids, C14-16-alkane	NOEC	6,3 mg/l	21 h	Daphnia magna	OECD 211 (Daphnia

hydroxy and C14-16-alkene, sodium salts 68439-57-6					magna, Reproduction Test)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	NOEC	4 mg/l	21 d	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)

Toxicity (Algae):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	EC50	5,2 mg/l	72 h	Skeletonema costatum	ISO 10253:2006 (Marine algal growth inhibition test)
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	NOEC	3,2 mg/l	72 h	Skeletonema costatum	ISO 10253:2006 (Marine algal growth inhibition test)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	EC50	2,6 mg/l	96 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	OECD Guideline 201 (Alga, Growth Inhibition Test)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	EC50	> 100 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	NOEC	10 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)
Alcohols, C12-14, ethoxylated 68439-50-9	NOEC	> 0,1 - 1 mg/l	72 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	DIN 38412-09
Alcohols, C12-14, ethoxylated 68439-50-9	EC50	0,87 mg/l	72 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	DIN 38412-09

Toxicity to microorganisms

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	EC10	14 mg/l	3 h	activated sludge	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	EC0	10.000 mg/l	16 h	Pseudomonas putida	DIN 38412, part 8 (Pseudomonas Zellvermehrungshemm-Test)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	EC50	513 mg/l	3 h	activated sludge	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)
Alcohols, C12-14, ethoxylated 68439-50-9	EC0	10.000 mg/l	30 min	Pseudomonas putida	DIN 38412, part 27 (Bacterial oxygen consumption test)

12.2. Persistence and degradability

Hazardous substances CAS-No.	Result	Test type	Degradability	Exposure time	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6		aerobic	88 %	28 d	OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test)
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	readily biodegradable	aerobic	98 %	30 d	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	readily biodegradable	aerobic	86 %	28 d	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	inherently biodegradable	aerobic	97 - 100 %	28 d	EU Method C.9 (Biodegradation: Zahn-Wellens Test)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	readily biodegradable	aerobic	82 %	28 d	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	not readily biodegradable.	aerobic	0 %	28 d	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	not inherently biodegradable	aerobic	51 %	28 d	OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test)
Alcohols, C12-14, ethoxylated 68439-50-9	readily biodegradable	aerobic	78 - 79 %	28 d	EU Method C.4-E (Determination of the "Ready" BiodegradabilityClosed Bottle Test)

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

Hazardous substances CAS-No.	LogPow	Temperature	Method
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	-1,3	20 °C	EU Method A.8 (Partition Coefficient)
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	0,24	20 °C	EU Method A.8 (Partition Coefficient)

12.5. Results of PBT and vPvB assessment

Hazardous substances CAS-No.	PBT / vPvB
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts 61791-42-2	Not fulfilling PBT (persistent/bioaccummulative/toxic) criteria
Alcohols, C12-14, ethoxylated 68439-50-9	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:
Consider national regulations.

SECTION 14: Transport information

14.1. UN number

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.2. UN proper shipping name

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.3. Transport hazard class(es)

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.4. Packing group

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.5. Environmental hazards

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.6. Special precautions for user

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations/information (Germany):

WGK:	2, water-endangering product. (German VwVwS of May 17, 1999) Classification in conformity with the calculation method
Storage class according to TRGS 510:	10

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text
of all abbreviations indicated by codes in this safety data sheet are as follows:

H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

Further information:
This information is not related to the use of the product, it is based on our current level of knowledge.

Safety Data Sheet according to Regulation (EC) No 1907/2006

Authentic Beauty Care Replenish Conditioner '18

SDS No. : 622457
V001.0
Revision: 29.10.2018
printing date: 08.08.2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Authentic Beauty Care Replenish Conditioner '18

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use:
Hair Treatment, rinse-off

1.3. Details of the supplier of the safety data sheet
Henkel AG & Co. KGaA
Düsseldorf Germany
Henkelstr. 67
40191 Düsseldorf
Phone: +49 211-797-0

E-mail address of person responsible for Safety Data Sheet:
Henkel Cosmetics, e-mail : Elisabeth.Poppe@henkel.com

1.4. Emergency telephone number
The Henkel information service also provides an around-the-clock telephone service on phone no.+49-(0)211-797-3350 for exceptional cases.
Further information is available at Poison Control Centers.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP):
Serious eye irritation Category 2
Causes serious eye irritation.

2.2. Label elements (CLP)

Hazard pictogram:

Signal word: Warning

Hazard statement: H319 Causes serious eye irritation.

Precautionary statement: Prevention
P264 Wash skin thoroughly after handling.
P280 Wear eye protection/face protection.

Precautionary statement: Response
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.

SECTION 3: Composition/information on ingredients

3.1. Substances

3.2. Mixtures

Hazardous substances according to CLP (EC) No 1272/2008:

Hazardous substances CAS-No.	EINECS	REACH-Reg No.	Content	Classification
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	271-756-9	01-2119484817-22	>= 2,5- < 3 %	H400 Acute hazards to the aquatic environment 1 H412 Chronic hazards to the aquatic environment 3 H315 Skin irritation 2 H318 Serious eye damage 1 H373 Specific target organ toxicity - repeated exposure 2
2-Hydroxy-3-[(1-oxodocosyl)oxy]propyltrimethylammonium chloride 69537-38-8	274-033-6		>= 1- < 10 %	H315 Skin irritation 2
Fatty acids, C12-20, reaction products with triethanolamine, di-Me sulfate-quaternized 91032-11-0	293-018-5		>= 1- < 2,5 %	H400 Acute hazards to the aquatic environment 1
Stearamidopropyl Dimethylamine 7651-02-7	231-609-1	01-2119979089-19	>= 0,25- < 1 %	H318 Serious eye damage 1 H400 Acute hazards to the aquatic environment 1 H411 Chronic hazards to the aquatic environment 2
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2			>= 0,1- < 0,25 %	H400 Acute hazards to the aquatic environment 1 H410 Chronic hazards to the aquatic environment 1

For full text of the H - Phrases indicated by codes only see Section 16 "Other information".

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:
In case of adverse health effects seek medical advice.

Inhalation:
not relevant.

Skin contact:
Rinse with water. Take off all clothing contaminated by the product.

Eye contact:
Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

Ingestion:
Rinse the mouth. Drink 1-2 glasses of water.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
All common extinguishing agents are suitable.

Extinguishing media which must not be used for safety reasons:
None known

5.2. Special hazards arising from the substance or mixture

The release of following substances is possible in case of fire:

carbon oxides.
Hydrogen chloride.
nitrogen oxides
Sulphur oxides

5.3. Advice for firefighters

Wear self-contained breathing apparatus.
Wear protective equipment.

Additional information:

Dispose of combustion residues and contaminated fire-fighting water in accordance with statutory regulations.
Collect contaminated fire fighting water separately. It must not enter drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No information.

6.2. Environmental precautions

Do not allow to enter drainage system, surface or ground water of not diluted product.
Do not dispose of in wastepaper bin or trash-can.

6.3. Methods and material for containment and cleaning up

Dilute small quantities with large amount of water and rinse.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling advice:
No particular measures required.

Fire and explosion protection information:
No special measures required if used properly.

Hygiene measures:
Do not eat, drink or smoke while working.
Immediately remove soiled or soaked clothing.
Wash hands before work breaks and after finishing work.
Keep away from food, beverages and animal feed.

7.2. Conditions for safe storage, including any incompatibilities

Store in sealed original container protected against moisture.
Store far from foodstuffs.

7.3. Specific end use(s)

Hair Treatment, rinse-off

SECTION 8: Exposure controls/personal protection

Only relevant for professional/industrial use

8.1. Control parameters

Valid for
Germany

None

8.2. Exposure controls

Engineering controls:
Ensure good ventilation/suction at the workplace.

Respiratory protection:
Not needed.

Hand protection:
For the contact with product protective gloves made from Spezial-Nitril (material thickness > 0.1 mm, break through time > 480 min class 6) are recommended according to EN 374. In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. We recommend to change single-use protective gloves periodical and a hand care plan in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.
Manufacturer e.g. German company KCL, type Dermatril.

Eye protection:
Protective goggles

Skin protection:
Suitable protective clothing

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

The following data apply to the whole mixture:

Appearance	emulsion viscous white
Odor	oriental, floral, woody, powdery
pH (20 °C (68 °F))	3,00 - 4,00
Initial boiling point	Not applicable
Flash point	Not applicable
Decomposition temperature	Not applicable
Vapour pressure	Not applicable
Density (20 °C (68 °F))	0,980 - 1,010 g/cm3
Bulk density	Not applicable
Viscosity (Brookfield; Instrument: RVDV II+; 20 °C (68 °F); speed of rotation: 20 min-1; Spindle No: 5)	2.700 - 6.700 mPa.s
Viscosity (Brookfield; Instrument: RVDV II+; 20 °C (68 °F); speed of rotation: 20 min-1; Spindle No: 5)	4.000 - 12.000 mPa.s
Viscosity (kinematic)	Not applicable
Explosive properties	Not applicable
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	Partially soluble
Solidification temperature	Not applicable
Melting point	Not applicable
Flammability	Not applicable
Auto-ignition temperature	Not applicable
Explosive limits	Not applicable

Partition coefficient: n-octanol/water	Not applicable
Evaporation rate	Not applicable
Vapor density	Not applicable
Oxidising properties	Not applicable
Container pressure	Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity
None if used for intended purpose.

10.2. Chemical stability
None known.

10.3. Possibility of hazardous reactions
See section reactivity
None known.

10.4. Conditions to avoid
None known.

10.5. Incompatible materials
None known.

10.6. Hazardous decomposition products
None known.

SECTION 11: Toxicological information

General toxicological information:
The present product is a chemical preparation within the meaning of the chemicals act. The following evaluation has been made on the basis of the toxicological data and content by weight of the individual ingredients.
No information exists about acute toxic, irritative or otherwise harmful effects caused by the product.

11.1. Information on toxicological effects

Acute oral toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Stearamidopropyl Dimethylamine 7651-02-7	LD50	3.480 mg/kg	rat	OECD Guideline 401 (Acute Oral Toxicity)
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	LD50	12.500 mg/kg	rat	not specified

Acute dermal toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Stearamidopropyl Dimethylamine 7651-02-7	LD50	> 2.000 mg/kg	rabbit	not specified

Acute inhalative toxicity:

No data available.

Skin corrosion/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
Stearamidopropyl Dimethylamine 7651-02-7	not irritating		rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious eye damage/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	irritating	24 h	rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Stearamidopropyl Dimethylamine 7651-02-7	Category 1 (irreversible effects on the eye)		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Respiratory or skin sensitization:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Test type	Species	Method
Stearamidopropyl Dimethylamine 7651-02-7	not sensitising	Guinea pig maximisation test	guinea pig	OECD Guideline 406 (Skin Sensitisation)

Germ cell mutagenicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
2-Hydroxy-3-[(1-oxodocosyl)oxy]propyltrimethylammonium chloride 69537-38-8	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		Ames Test
Stearamidopropyl Dimethylamine 7651-02-7	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Stearamidopropyl Dimethylamine 7651-02-7	negative	mammalian cell gene mutation assay	with and without		OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Stearamidopropyl Dimethylamine 7651-02-7	negative	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)

Carcinogenicity

No data available.

Reproductive toxicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Test type	Route of application	Species	Method
Stearamidopropyl Dimethylamine 7651-02-7	NOAEL P 70 mg/kg		oral: gavage	rat	OECD Guideline 421 (Reproduction / Developmental Toxicity Screening Test)

STOT-single exposure:

No data available.

STOT-repeated exposure::

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Route of application	Exposure time / Frequency of treatment	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	NOAEL 10 mg/kg	oral: gavage	28 d daily, 7 d/w	rat	EU Method B.7 (Repeated Dose (28 Days) Toxicity (Oral))
Stearamidopropyl Dimethylamine 7651-02-7	NOAEL >= 200 mg/kg	dermal	13 weeks once daily (5 days/week)	rabbit	OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)

Aspiration hazard:

No data available.

SECTION 12: Ecological information

General ecological information:
The ecological evaluation of the product is based on data from the raw material and/or comparable substances.

12.1. Toxicity

Toxicity (Fish):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	LC50	> 0,5 - 1 mg/l	96 h	Brachydanio rerio (new name: Danio rerio)	OECD Guideline 203 (Fish, Acute Toxicity Test)
2-Hydroxy-3-[(1-oxodocosyl)oxy]propyltrimethylammonium chloride 69537-38-8	NOEC	3 mg/l	30 h	Brachydanio rerio (new name: Danio rerio)	OECD Guideline 210 (fish early lite stage toxicity test)
2-Hydroxy-3-[(1-oxodocosyl)oxy]propyltrimethylammonium chloride 69537-38-8	LC50	85 mg/l	48 h	Leuciscus idus	DIN 38412-15
Stearamidopropyl Dimethylamine 7651-02-7	NOEC	0,1 mg/l	9 d	Danio rerio	OECD Guideline 212 (Fish, Short-term Toxicity Test on Embryo and Sac-Fry Stages)
Stearamidopropyl Dimethylamine 7651-02-7	LC50	> 0,1 - 1 mg/l	96 h	Salmo gairdneri (new name: Oncorhynchus mykiss)	OECD Guideline 203 (Fish, Acute Toxicity Test)
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	LC50	> 0,2 - 0,8 mg/l	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)

Toxicity (Daphnia):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	EC50	1,4 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
2-Hydroxy-3-[(1-oxodocosyl)oxy]propyltrimethylammonium chloride 69537-38-8	EC50	270 mg/l	24 h	Daphnia magna	not specified
Fatty acids, C12-20, reaction products with triethanolamine, di-Me sulfate-quaternized 91032-11-0	EC50	0,52 mg/l	48 h	Daphnia magna	not specified
Stearamidopropyl Dimethylamine 7651-02-7	EC50	0,381 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Chronic toxicity to aquatic invertebrates

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	NOEC	0,128 mg/l	21 d	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)
Stearamidopropyl Dimethylamine 7651-02-7	NOEC	0,2 mg/l	21 d	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)

Toxicity (Algae):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	EC50	3,4 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)
Stearamidopropyl Dimethylamine 7651-02-7	EC10	0,071 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)
Stearamidopropyl Dimethylamine 7651-02-7	EC50	0,14 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)

Toxicity to microorganisms

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	EC 50	43 mg/l			OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)
Stearamidopropyl Dimethylamine 7651-02-7	EC10	32 mg/l	16 h		DIN 38412, part 8 (Pseudomonas Zellvermehrungshemm-Test)

12.2. Persistence and degradability

Hazardous substances CAS-No.	Result	Test type	Degradability	Exposure time	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9		aerobic	> 80 %		OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test)
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	readily biodegradable	aerobic	80 %	28 d	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
2-Hydroxy-3-[(1-oxodocosyl)oxy]propyltrimethylammonium chloride 69537-38-8	readily biodegradable, but failing 10-day window	aerobic	67 - 76 %	30 d	EU Method C.4-E (Determination of the "Ready" BiodegradabilityClosed Bottle Test)
Fatty acids, C12-20, reaction products with triethanolamine, di-Me sulfate-quaternized 91032-11-0		aerobic	94 %	28 d	ISO 10708 (BODIS-Test)
Stearamidopropyl Dimethylamine 7651-02-7	readily biodegradable	aerobic	88 %	28 d	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	not readily biodegradable.	aerobic	0 %	28 d	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	not inherently biodegradable	aerobic	51 %	28 d	OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test)

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

Hazardous substances CAS-No.	LogPow	Temperature	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	3,29	20 °C	not specified
Stearamidopropyl Dimethylamine 7651-02-7	2,01	20 °C	EU Method A.8 (Partition Coefficient)

12.5. Results of PBT and vPvB assessment

Hazardous substances CAS-No.	PBT / vPvB
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Fatty acids, C12-20, reaction products with triethanolamine, di-Me sulfate-quaternized 91032-11-0	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Stearamidopropyl Dimethylamine 7651-02-7	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:
Consider national regulations.

SECTION 14: Transport information

14.1. UN number

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.2. UN proper shipping name

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.3. Transport hazard class(es)

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.4. Packing group

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.5. Environmental hazards

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.6. Special precautions for user

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations/information (Germany):

WGK:	2, water-endangering product. (German VwVwS of May 17, 1999) Classification in conformity with the calculation method
Storage class according to TRGS 510:	10

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

H315 Causes skin irritation.
H318 Causes serious eye damage.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

Further information:
This information is not related to the use of the product, it is based on our current level of knowledge.

Revision Number: 001.0 **Issue date:** 11/07/2019

1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

Product identifier used on the label: Authentic Beauty Concept Replenish Essence

Recommended use of the chemical and restrictions on use: Hair Treatment, leave-on

Name, address and telephone number of the chemical manufacturer:
Henkel Corporation
One Henkel Way
Rocky Hill CT 06067

CHEMTREC: 1-800-424-9300 (24 hours daily)
Internet: www.henkel-northamerica.com

Emergency telephone number: Medical Emergencies:1-800-258-3425

2. HAZARDS IDENTIFICATION

The hazards described in this Globally Harmonized System Safety Data Sheet (SDS) are not intended for consumers, and does not address consumer use of the product. For information regarding consumer applications of this product, refer to the product label.

Classification of the substance or mixture in accordance with paragraph (d) of §1910.1200

HAZARD CLASS	HAZARD CATEGORY
ASPIRATION HAZARD	1

Signal word, hazard statement(s), symbol(s) and precautionary statement(s) in accordance with paragraph (f) of §1910.1200

Signal word: DANGER
Hazard Statement(s):
May be fatal if swallowed and enters airways.

Symbol(s):

Precautionary Statements:

Prevention: Not prescribed
Response: IF SWALLOWED: Immediately call a physician or poison control center. Do NOT induce vomiting.
Storage: Store locked up.

Disposal: Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

Hazards not otherwise classified: Not available.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

The following chemicals are classified as health hazards in accordance with paragraph (d) of § 1910.1200.

Chemical Name*	CAS Number (Unique Identifier)	Concentration
n-Dodecane	112-40-3	>= 20 - < 30 %
Undecane	1120-21-4	>= 10 - < 20 %
Tridecane	629-50-5	>= 5 - < 10 %

*The specific chemical identity and/or exact percentage (concentration) of composition has been withheld because a trade secret is claimed in accordance with paragraph (i) of §1910.1200.

Actual concentration or concentration range is withheld as a trade secret

4. FIRST AID MEASURES

Description of necessary measures

Inhalation: First aid measures not required.
Skin contact: First aid measures not required. Cosmetic product and therefore not necessary.
Eye contact: Rinse eyes immediately with plenty of water, occasionally lifting upper and lower lids, until no evidence of product remains. Get medical attention if pain or irritation develops.
Ingestion: Dilution by rinsing the mouth and giving water or milk to drink is generally recommended. Contact physician or local poison control center.

Most important symptoms and effects, both acute and delayed

After eye contact: May cause mild transient irritation After skin contact: No adverse effects anticipated from normal use. After inhalation: Unlikely to occur due to the physical properties of the product. At elevated temperatures, vapors or mists may cause irritation. After ingestion: May be fatal if swallowed and enters airways.

Indication of any immediate medical attention and special treatment needed

After eye contact: Rinse eyes with plenty of water until no evidence of product remains. Get medical attention if irritation persists. After skin contact: Rinse affected area with mild soap and water until no evidence of product remains. After inhalation: No particular measures required. Remove from exposure area to fresh air. After ingestion: May be fatal if swallowed and enters airways. Do not induce vomiting.

5. FIRE FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Dry chemical, carbon dioxide, water spray or regular foam.

Unsuitable extinguishing media: None known

Specific hazards arising from the chemical

carbon oxides. nitrogen oxides

Special protective equipment and precautions for fire-fighters

In case of fire, wear a full-face positive-pressure self-contained breathing apparatus and protective suit. Avoid breathing vapors, keep upwind. Isolate area. Keep unnecessary personnel away.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear skin, eye and respiratory protection as recommended in Section 8. Stop leak if you can do it without risk. Spills present a slipping hazard. Keep unnecessary personnel away. Ventilate spill area if possible. Make sure area is slip-free before re-opening to traffic.

Environmental precautions

Small or household quantities may be disposed in sewer or other liquid waste system. For larger quantities check with your local disposal authorities.

Methods and materials for containment and cleaning up

SMALL SPILLS: Contain and absorb with sand or other absorbent material and place into clean, dry containers for later disposal. Wash site of spillage thoroughly with water. LARGE SPILLS: Dike far ahead of spill to prevent further movement. Recover by pumping or by using a suitable absorbent material and place into containers for later disposal. Dispose in suitable waste container.

7. HANDLING AND STORAGE

Precautions for safe handling

Do not get in eyes. Do not take internally. Use with adequate ventilation. Avoid generating aerosols and mists.

Conditions for safe storage, including any incompatibilities

Store in original containers in a cool dry area. Storage areas for large quantities (warehouse) should be well ventilated. Keep the containers tightly closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
n-Dodecane	None	None	None	None
Undecane	None	None	None	None
Tridecane	None	None	None	None

Appropriate engineering controls

Provide local exhaust or general dilution ventilation to keep exposure to airborne contaminants below the permissible exposure limits where mists or vapors may be generated.

Individual protection measures

Respiratory: Air contamination monitoring should be carried out where mists or vapors are likely to be generated, to assure that the employees are not exposed to airborne contaminants above the permissible exposure limits.

Eye: Splash-proof safety glasses are required to prevent eye contact where splashing of product may occur.

Hand/Body: Protective gloves are required where repeated or prolonged skin contact may occur. Protective clothing is required where repeated or prolonged skin contact may occur.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	oil colourless
Odor:	floral, oriental, woody
Odor threshold:	Not available.
pH:	Not available.
Melting point/ range:	Not available.
Boiling point/range:	Not available.
Flash point:	Not applicable
Evaporation rate:	Not available.
Flammable/Explosive limits - lower:	Not available.
Flammable/Explosive limits - upper:	Not available.
Vapor pressure:	Not available.
Vapor density:	Not available.
Solubility in water:	Insoluble
Partition coefficient (n-octanol/water):	Not available.
Autoignition temperature:	Not available.
Decomposition temperature:	Not available.
Viscosity:	Not available.
VOC content:	Not available.

10. STABILITY AND REACTIVITY

Reactivity: This product may react with strong alkalies.

Chemical stability: Stable under normal ambient temperature (70°F, 21°C) and pressure (1 atm).

Possibility of hazardous reactions: Hazardous polymerization has not been reported to occur under normal temperatures and pressures.

Conditions to avoid: Avoid storing in direct sunlight and avoid extremes of temperature.

Incompatible materials: Strong oxidizers and alkalis.

Hazardous decomposition products: Oxides of carbon. Oxides of nitrogen.

11. TOXICOLOGICAL INFORMATION

Likely routes of exposure including symptoms related to characteristics

Inhalation: Unlikely to occur due to the physical properties of the product. At elevated temperatures, vapors or mists may cause irritation.
Skin contact: Not a hazard under normal conditions of use.
Eye contact: May cause mild transient irritation
Ingestion: Aspiration may occur during swallowing or vomiting, resulting in lung damage.
Physical/Chemical: No physical/chemical hazards are anticipated for this product.

Other relevant toxicity information: This product is a personal care or cosmetic product. The use of this product by consumers is safe under normal and reasonable foreseen use.

Numerical measures of toxicity, including delayed and immediate effect

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
n-Dodecane	None	No Data
Undecane	None	No Data
Tridecane	None	No Data

Carcinogenicity information

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
n-Dodecane	No	No	No
Undecane	No	No	No
Tridecane	No	No	No

Carcinogenicity None of the ingredients in this product are listed as carcinogens by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP) or the Occupational Safety and Health Administration (OSHA).
Mutagenicity None of the ingredients in this product are known to cause mutagenicity.
Toxicity for reproduction None of the ingredients in this product are known as reproductive, fetal, or developmental hazards.

12. ECOLOGICAL INFORMATION

Aquatic Toxicity:

This product is anticipated to be safe for the environment at concentrations predicted in household settings under normal use conditions. The following toxicity information is available for the hazardous ingredient(s) when used as technical grade and is provided as reference for the occupational settings.

Toxicity to fish:

The aquatic toxicity profile of this product has not been determined.

Toxicity to aquatic invertebrates:

The aquatic toxicity profile of this product has not been determined.

Toxicity to algae:

The aquatic toxicity profile of this product has not been determined.

Persistence and degradability

Hazardous substances CAS-No.	Result value	Route of application	Species	Method
n-Dodecane 112-40-3	readily biodegradable	aerobic	76.6 %	OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test)

Bioaccumulative potential

The bioaccumulation potential of this product has not been determined.

Mobility in soil

The mobility of this product (in soil and water) has not been determined.

13. DISPOSAL CONSIDERATIONS

Description of waste residues:

Hazardous waste number: Not regulated

Safe handling and disposal methods:

Recommended method of disposal: This product is not a RCRA hazardous waste and can be disposed of in accordance with federal, state and local regulations.

Disposal of uncleaned packages: Place in trash.

14. TRANSPORT INFORMATION

The information in this section is for reference only and should not take the place of a shipping paper (bill of lading) specific to an order. Please note that the proper shipping classification may vary by packaging, properties, and mode of transportation.

U.S. Department of Transportation Ground (49 CFR)

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

International Air Transportation (ICAO/IATA)

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

Water Transportation (IMO/IMDG)

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

15. REGULATORY INFORMATION

Occupational safety and health act: Hazard Communication Standard, 29 CFR 1910.1200(g) Appendix D: The Occupational Safety and Health Administration (OSHA) require that the Safety Data Sheets (SDSs) are readily accessible to employees for all hazardous chemicals in the workplace. Since the use pattern and exposure in the workplace are generally not consistent with those experienced by consumers, this SDS may contain health hazard information not relevant to consumer use.

United States Regulatory Information

TSCA 8 (b) Inventory Status:	All components are listed or are exempt from listing on the Toxic Substances Control Act inventory.
TSCA 12 (b) Export Notification:	
CERCLA/SARA Section 302 EHS:	None above reporting de minimis.
CERCLA/SARA Section 311/312:	Not available.
CERCLA/SARA Section 313:	None above reporting de minimis.
California Proposition 65:	Not available.

Canada Regulatory Information

CEPA DSL/NDSL Status:	One or more components are not listed on, and are not exempt from listing on either the Domestic Substances List or the Non-Domestic Substances List.

16. OTHER INFORMATION

DISCLAIMER: The data contained herein are furnished for information only and are believed to be reliable. However, Henkel Corporation and its affiliates ("Henkel") does not assume responsibility for any results obtained by persons over whose methods Henkel has no control. It is the user's responsibility to determine the suitability of Henkel's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any Henkel's products. In light of the foregoing, Henkel specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of Henkel's products. Henkel further disclaims any liability for consequential or incidental damages of any kind, including lost profits.

This safety data sheet contains changes from the previous version in sections: New Safety Data Sheet format.

Prepared by: R&D Support Services

Issue date: 11/07/2019

Safety Data Sheet according to Regulation (EC) No 1907/2006

Authentic Beauty Care Replenish Mask

SDS No. : 622425
V001.0
Revision: 05.11.2018
printing date: 08.08.2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Authentic Beauty Care Replenish Mask

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use:
Hair Treatment, rinse-off

1.3. Details of the supplier of the safety data sheet
Henkel AG & Co. KGaA
Düsseldorf Germany
Henkelstr. 67
40191 Düsseldorf
Phone: +49 211-797-0

E-mail address of person responsible for Safety Data Sheet:
Henkel Cosmetics, e-mail : Elisabeth.Poppe@henkel.com

1.4. Emergency telephone number
The Henkel information service also provides an around-the-clock telephone service on phone no.+49-(0)211-797-3350 for exceptional cases.
Further information is available at Poison Control Centers.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP):

Serious eye damage	Category 1
Causes serious eye damage.	
Chronic hazards to the aquatic environment	Category 3
Harmful to aquatic life with long lasting effects.	

2.2. Label elements (CLP)

Hazard pictogram:

Signal word:	Danger
Hazard statement:	H318 Causes serious eye damage. H412 Harmful to aquatic life with long lasting effects.
Precautionary statement: Prevention	P273 Avoid release to the environment. P280 Wear eye protection/face protection.
Precautionary statement: Response	P305+P351+P338+P315 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.
Precautionary statement: Disposal	P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

SECTION 3: Composition/information on ingredients

3.1. Substances

3.2. Mixtures

Hazardous substances according to CLP (EC) No 1272/2008:

Hazardous substances CAS-No.	EINECS	REACH-Reg No.	Content	Classification
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	271-756-9	01-2119484817-22	>= 3- < 10 %	H400 Acute hazards to the aquatic environment 1 H412 Chronic hazards to the aquatic environment 3 H315 Skin irritation 2 H318 Serious eye damage 1 H373 Specific target organ toxicity - repeated exposure 2
2-Hydroxy-3-[(1-oxodocosyl)oxy]propyltrimethylammonium chloride 69537-38-8	274-033-6		>= 1- < 10 %	H315 Skin irritation 2
Fatty acids, C12-20, reaction products with triethanolamine, di-Me sulfate-quaternized 91032-11-0	293-018-5		>= 1- < 2,5 %	H400 Acute hazards to the aquatic environment 1
Stearamidopropyl Dimethylamine 7651-02-7	231-609-1	01-2119979089-19	>= 1- < 2,5 %	H318 Serious eye damage 1 H400 Acute hazards to the aquatic environment 1 H411 Chronic hazards to the aquatic environment 2
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2			>= 0,25- < 1 %	H400 Acute hazards to the aquatic environment 1 H410 Chronic hazards to the aquatic environment 1

For full text of the H - Phrases indicated by codes only see Section 16 "Other information".

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:
In case of adverse health effects seek medical advice.
Remove casualty immediately from danger zone. Take off immediately all contaminated clothing.

Inhalation:
not relevant.

Skin contact:
Rinse with water. Take off all clothing contaminated by the product.

Eye contact:
Rinse immediately with plenty of running water (for 10 minutes), seek medical attention from a specialist.

Ingestion:
Rinse mouth and throat. Drink 1-2 glasses of water. Seek medical advice.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
All common extinguishing agents are suitable.

Extinguishing media which must not be used for safety reasons:
None known

5.2. Special hazards arising from the substance or mixture

The release of following substances is possible in case of fire:

carbon oxides.
nitrogen oxides
Hydrogen chloride.
Sulphur oxides

5.3. Advice for firefighters

Wear self-contained breathing apparatus.
Wear protective equipment.

Additional information:

Dispose of combustion residues and contaminated fire-fighting water in accordance with statutory regulations.
Collect contaminated fire fighting water separately. It must not enter drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective equipment.

6.2. Environmental precautions

Do not empty into drains / surface water / ground water.
Inform authorities in the event of product spillage to water courses or sewage systems.

6.3. Methods and material for containment and cleaning up

Remove with liquid-absorbing material (chemical binder)
Dilute small quantities with large amount of water and rinse.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling advice:
Avoid skin and eye contact.

Fire and explosion protection information:
No special measures required if used properly.

Hygiene measures:
Do not eat, drink or smoke while working.
Immediately remove soiled or soaked clothing.
Wash hands before work breaks and after finishing work.
Keep away from food, beverages and animal feed.

7.2. Conditions for safe storage, including any incompatibilities
Store in sealed original container protected against moisture.
Store far from foodstuffs.

7.3. Specific end use(s)
Hair Treatment, rinse-off

SECTION 8: Exposure controls/personal protection

Only relevant for professional/industrial use

8.1. Control parameters
Valid for
Germany

Ingredient [Regulated substance]	ppm	mg/m³	Value type	Short term exposure limit category / Remarks	Remarks
Dodecane 112-40-3		600	Exposure limit(s):	2	TRGS 900
Dodecane 112-40-3			Short Term Exposure Classification:	Category II: substances with a resorptive effect.	TRGS 900

8.2. Exposure controls

Engineering controls:
Ensure good ventilation/suction at the workplace.

Respiratory protection:
Not needed.

Hand protection:
For the contact with product protective gloves made from Spezial-Nitril (material thickness > 0.1 mm, break through time > 480 min class 6) are recommended according to EN 374. In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. We recommend to change single-use protective gloves periodical and a hand care plan in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.
Manufacturer e.g. German company KCL, type Dermatril.

Eye protection:
Protective goggles

Skin protection:
Suitable protective clothing

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

The following data apply to the whole mixture:

Appearance	emulsion high viscosity white
Odor	oriental, floral, woody, powdery
pH (20 °C (68 °F))	3,00 - 4,00
Initial boiling point	Not applicable
Flash point	Not applicable
Decomposition temperature	Not applicable
Vapour pressure	Not applicable
Density (20 °C (68 °F))	0,980 - 1,010 g/cm3
Bulk density	Not applicable
Viscosity (Haake; Instrument: Haake VT 550; 20 °C (68 °F); Rotary measuring system: MV II)	10.000 - 20.000 mPa.s
Viscosity (kinematic)	Not applicable
Explosive properties	Not applicable
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	Partially soluble
Solidification temperature	Not applicable
Melting point	Not applicable
Flammability	Not applicable
Auto-ignition temperature	Not applicable
Explosive limits	Not applicable
Partition coefficient: n-octanol/water	Not applicable
Evaporation rate	Not applicable
Vapor density	Not applicable
Oxidising properties	Not applicable
Container pressure	Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity
None if used for intended purpose.

10.2. Chemical stability
None known.

10.3. Possibility of hazardous reactions
See section reactivity
None known.

10.4. Conditions to avoid
None known.

10.5. Incompatible materials
None known.

10.6. Hazardous decomposition products
None known.

SECTION 11: Toxicological information

General toxicological information:
The present product is a chemical preparation within the meaning of the chemicals act. The following evaluation has been made on the basis of the toxicological data and content by weight of the individual ingredients.

11.1. Information on toxicological effects

Acute oral toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Stearamidopropyl Dimethylamine 7651-02-7	LD50	3.480 mg/kg	rat	OECD Guideline 401 (Acute Oral Toxicity)
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	LD50	12.500 mg/kg	rat	not specified

Acute dermal toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Stearamidopropyl Dimethylamine 7651-02-7	LD50	> 2.000 mg/kg	rabbit	not specified

Acute inhalative toxicity:

No data available.

Skin corrosion/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
Stearamidopropyl Dimethylamine 7651-02-7	not irritating		rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious eye damage/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	irritating	24 h	rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Stearamidopropyl Dimethylamine 7651-02-7	Category 1 (irreversible effects on the eye)		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Respiratory or skin sensitization:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Test type	Species	Method
Stearamidopropyl Dimethylamine 7651-02-7	not sensitising	Guinea pig maximisation test	guinea pig	OECD Guideline 406 (Skin Sensitisation)

Germ cell mutagenicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
2-Hydroxy-3-[(1-oxodocosyl)oxy]propyltrimethylammonium chloride 69537-38-8	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		Ames Test
Stearamidopropyl Dimethylamine 7651-02-7	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Stearamidopropyl Dimethylamine 7651-02-7	negative	mammalian cell gene mutation assay	with and without		OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Stearamidopropyl Dimethylamine 7651-02-7	negative	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)

Carcinogenicity

No data available.

Reproductive toxicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Test type	Route of application	Species	Method
Stearamidopropyl Dimethylamine 7651-02-7	NOAEL P 70 mg/kg		oral: gavage	rat	OECD Guideline 421 (Reproduction / Developmental Toxicity Screening Test)

STOT-single exposure:

No data available.

STOT-repeated exposure::

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Route of application	Exposure time / Frequency of treatment	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	NOAEL 10 mg/kg	oral: gavage	28 d daily, 7 d/w	rat	EU Method B.7 (Repeated Dose (28 Days) Toxicity (Oral))
Stearamidopropyl Dimethylamine 7651-02-7	NOAEL >= 200 mg/kg	dermal	13 weeks once daily (5 days/week)	rabbit	OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)

Aspiration hazard:

No data available.

SECTION 12: Ecological information

General ecological information:
The ecological evaluation of the product is based on data from the raw material and/or comparable substances.

12.1. Toxicity

Toxicity (Fish):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	LC50	> 0,5 - 1 mg/l	96 h	Brachydanio rerio (new name: Danio rerio)	OECD Guideline 203 (Fish, Acute Toxicity Test)
2-Hydroxy-3-[(1-oxodocosyl)oxy]propyltrimethylammonium chloride 69537-38-8	NOEC	3 mg/l	30 h	Brachydanio rerio (new name: Danio rerio)	OECD Guideline 210 (fish early lite stage toxicity test)
2-Hydroxy-3-[(1-oxodocosyl)oxy]propyltrimethylammonium chloride 69537-38-8	LC50	85 mg/l	48 h	Leuciscus idus	DIN 38412-15
Stearamidopropyl Dimethylamine 7651-02-7	NOEC	0,1 mg/l	9 d	Danio rerio	OECD Guideline 212 (Fish, Short-term Toxicity Test on Embryo and Sac-Fry Stages)
Stearamidopropyl Dimethylamine 7651-02-7	LC50	> 0,1 - 1 mg/l	96 h	Salmo gairdneri (new name: Oncorhynchus mykiss)	OECD Guideline 203 (Fish, Acute Toxicity Test)
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	LC50	> 0,2 - 0,8 mg/l	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)

Toxicity (Daphnia):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	EC50	1,4 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
2-Hydroxy-3-[(1-oxodocosyl)oxy]propyltrimethylammonium chloride 69537-38-8	EC50	270 mg/l	24 h	Daphnia magna	not specified
Fatty acids, C12-20, reaction products with triethanolamine, di-Me sulfate-quaternized 91032-11-0	EC50	0,52 mg/l	48 h	Daphnia magna	not specified
Stearamidopropyl Dimethylamine 7651-02-7	EC50	0,381 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Chronic toxicity to aquatic invertebrates

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	NOEC	0,128 mg/l	21 d	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)
Stearamidopropyl Dimethylamine 7651-02-7	NOEC	0,2 mg/l	21 d	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)

Toxicity (Algae):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	EC50	3,4 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)
Stearamidopropyl Dimethylamine 7651-02-7	EC10	0,071 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)
Stearamidopropyl Dimethylamine 7651-02-7	EC50	0,14 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)

Toxicity to microorganisms

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	EC 50	43 mg/l			OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)
Stearamidopropyl Dimethylamine 7651-02-7	EC10	32 mg/l	16 h		DIN 38412, part 8 (Pseudomonas Zellvermehrungshemm-Test)

12.2. Persistence and degradability

Hazardous substances CAS-No.	Result	Test type	Degradability	Exposure time	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9		aerobic	> 80 %		OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test)
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	readily biodegradable	aerobic	80 %	28 d	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
2-Hydroxy-3-[(1-oxodocosyl)oxy]propyltrimethylammonium chloride 69537-38-8	readily biodegradable, but failing 10-day window	aerobic	67 - 76 %	30 d	EU Method C.4-E (Determination of the "Ready" BiodegradabilityClosed Bottle Test)
Fatty acids, C12-20, reaction products with triethanolamine, di-Me sulfate-quaternized 91032-11-0		aerobic	94 %	28 d	ISO 10708 (BODIS-Test)
Stearamidopropyl Dimethylamine 7651-02-7	readily biodegradable	aerobic	88 %	28 d	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	not readily biodegradable.	aerobic	0 %	28 d	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride 65497-29-2	not inherently biodegradable	aerobic	51 %	28 d	OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test)

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

Hazardous substances CAS-No.	LogPow	Temperature	Method
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	3,29	20 °C	not specified
Stearamidopropyl Dimethylamine 7651-02-7	2,01	20 °C	EU Method A.8 (Partition Coefficient)

12.5. Results of PBT and vPvB assessment

Hazardous substances CAS-No.	PBT / vPvB
Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides 68607-24-9	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Fatty acids, C12-20, reaction products with triethanolamine, di-Me sulfate-quaternized 91032-11-0	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Stearamidopropyl Dimethylamine 7651-02-7	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:
Consider national regulations.

SECTION 14: Transport information

14.1. UN number

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.2. UN proper shipping name

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.3. Transport hazard class(es)

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.4. Packing group

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.5. Environmental hazards

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.6. Special precautions for user

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations/information (Germany):

WGK:	2, water-endangering product. (German VwVwS of May 17, 1999) Classification in conformity with the calculation method
Storage class according to TRGS 510:	10

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

H315 Causes skin irritation.
H318 Causes serious eye damage.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

Further information:
This information is not related to the use of the product, it is based on our current level of knowledge.

Revision Number: 001.1 **Issue date:** 03/10/2021

1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

Product identifier used on the label: **Authentic Beauty Concept Bare Cleanser**

Recommended use of the chemical and restrictions on use: Shampoo

Name, address and telephone number of the chemical manufacturer:
Henkel AG & Co. KGaA
Henkelstr. 67
Düsseldorf 40191

CHEMTREC: Düsseldorf Germany

Emergency telephone number: Medical Emergencies:The Henkel information service also provides an around-the-clock telephone service on phone no. +49-(0)211-797-3350 for exceptional cases. The product is notified at the 'Information Centers for Cases of Poisoning in Germany'. These centers provide information by telephone day and night in poisoning cases. Central emergency phone number: ++49 (0) 30 19240

2. HAZARDS IDENTIFICATION

The hazards described in this Globally Harmonized System Safety Data Sheet (SDS) are not intended for consumers, and does not address consumer use of the product. For information regarding consumer applications of this product, refer to the product label.

Classification of the substance or mixture in accordance with paragraph (d) of §1910.1200

HAZARD CLASS	HAZARD CATEGORY
SERIOUS EYE IRRITATION	2A

Signal word, hazard statement(s), symbol(s) and precautionary statement(s) in accordance with paragraph (f) of §1910.1200

Signal word: WARNING

Hazard Statement(s):
Causes serious eye irritation.

Symbol(s):

Precautionary Statements:

Prevention: Wear eye and face protection.
Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Storage: Not prescribed
Disposal: Not prescribed

Hazards not otherwise classified: Not available.

Percentage of ingredient(s) with unknown toxicity:
1 % of the mixture consists of ingredient(s) of unknown acute toxicity.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

The following chemicals are classified as health hazards in accordance with paragraph (d) of § 1910.1200.

Chemical Name*	CAS Number (Unique Identifier)	Concentration
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts	61789-40-0	>= 5 - < 10 %
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	110615-47-9	>= 1 - < 5 %
Sodium chloride	7647-14-5	>= 1 - < 5 %

*The specific chemical identity and/or exact percentage (concentration) of composition has been withheld because a trade secret is claimed in accordance with paragraph (i) of §1910.1200.

Actual concentration or concentration range is withheld as a trade secret

4. FIRST AID MEASURES

Description of necessary measures

Inhalation: First aid measures not required.
Skin contact: First aid measures not required. Cosmetic product and therefore not necessary.
Eye contact: Rinse eyes with plenty of water until no evidence of product remains. Get medical attention if pain or irritation develops.
Ingestion: Dilution by rinsing the mouth and giving water or milk to drink is generally recommended. Contact physician or local poison control center.

Most important symptoms and effects, both acute and delayed

After eye contact: May cause moderate to severe irritation. After skin contact: Repeated or prolonged excessive exposure may cause irritation or dermatitis. After inhalation: Unlikely to occur due to the physical properties of the product. At elevated temperatures, vapors or mists may cause irritation. After ingestion: Ingestion may cause irritation of mouth, throat, digestive tract, diarrhea and vomiting.

Indication of any immediate medical attention and special treatment needed

After eye contact: Rinse eyes with plenty of water until no evidence of product remains. After skin contact: Rinse affected area with mild soap and water until no evidence of product remains. After inhalation: Remove from exposure area to fresh air. After ingestion: Administer immediately plenty of water. With ingestion of larger quantities (in adults one tablespoon) or in the case of discomfort or pain seek immediate medical attention.

5. FIRE FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Dry chemical, carbon dioxide, water spray or regular foam.

Unsuitable extinguishing media: None known

Specific hazards arising from the chemical

carbon oxides. Hydrogen chloride. nitrogen oxides

Special protective equipment and precautions for fire-fighters

In case of fire, wear a full-face positive-pressure self-contained breathing apparatus and protective suit. Avoid breathing vapors, keep upwind. Isolate area. Keep unnecessary personnel away.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear skin, eye and respiratory protection as recommended in Section 8. Stop leak if you can do it without risk. Spills present a slipping hazard. Keep unnecessary personnel away. Ventilate spill area if possible. Make sure area is slip-free before re-opening to traffic.

Environmental precautions

Small or household quantities may be disposed in sewer or other liquid waste system. For larger quantities check with your local disposal authorities.

Methods and materials for containment and cleaning up

SMALL SPILLS: Contain and absorb with sand or other absorbent material and place into clean, dry containers for later disposal. Wash site of spillage thoroughly with water. LARGE SPILLS: Dike far ahead of spill to prevent further movement. Recover by pumping or by using a suitable absorbent material and place into containers for later disposal. Dispose in suitable waste container.

7. HANDLING AND STORAGE

Precautions for safe handling

Do not get in eyes. Do not take internally. Use with adequate ventilation. Avoid generating aerosols and mists.

Conditions for safe storage, including any incompatibilities

Store in original containers in a cool dry area. Storage areas for large quantities (warehouse) should be well ventilated. Keep the containers tightly closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts	None	None	None	None

Appropriate engineering controls

Provide local exhaust or general dilution ventilation to keep exposure to airborne contaminants below the permissible exposure limits where mists or vapors may be generated.

Individual protection measures

Respiratory: Air contamination monitoring should be carried out where mists or vapors are likely to be generated, to assure that the employees are not exposed to airborne contaminants above the permissible exposure limits.

Eye: Splash-proof safety glasses are required to prevent eye contact where splashing of product may occur.

Hand/Body: Protective gloves are required where repeated or prolonged skin contact may occur. Protective clothing is required where repeated or prolonged skin contact may occur.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	liquid colourless, light yellow
Odor:	characteristic, neutral, soap-like
Odor threshold:	Not available.
pH:	4.30 - 4.70 (20 °C)
Melting point/ range:	Not available.
Boiling point/range:	Not available.
Flash point:	Not applicable
Evaporation rate:	Not available.
Flammable/Explosive limits - lower:	Not available.
Flammable/Explosive limits - upper:	Not available.
Vapor pressure:	Not available.
Vapor density:	Not available.
Solubility in water:	Soluble
Partition coefficient (n-octanol/water):	Not available.
Autoignition temperature:	Not available.
Decomposition temperature:	Not available.
Viscosity:	7,000 - 12,000 mPa.s
VOC content:	Not available.

10. STABILITY AND REACTIVITY

Reactivity: This product may react with strong alkalies.

Chemical stability: Stable under normal ambient temperature (70°F, 21°C) and pressure (1 atm).

Possibility of hazardous reactions: Hazardous polymerization has not been reported to occur under normal temperatures and pressures.

Conditions to avoid: Avoid storing in direct sunlight and avoid extremes of temperature.

Incompatible materials: Strong oxidizers and alkalis.

Hazardous decomposition products: Thermal decomposition may release toxic and/or hazardous gases, including ammonia.

11. TOXICOLOGICAL INFORMATION

Likely routes of exposure including symptoms related to characteristics

Inhalation: Unlikely to occur due to the physical properties of the product. At elevated temperatures, vapors or mists may cause irritation.
Skin contact: No adverse effects anticipated from normal use.
Eye contact: May cause moderate to severe irritation.
Ingestion: May cause mild gastrointestinal irritation with nausea, vomiting, diarrhea and abdominal pain.
Physical/Chemical: No physical/chemical hazards are anticipated for this product.

Other relevant toxicity information: This product is a personal care or cosmetic product. Direct contact with eyes may cause irritation. No adverse effects are anticipated to skin from normal use.

Numerical measures of toxicity, including delayed and immediate effect

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts	None	Irritant, Allergen
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	None	No Data
Sodium chloride	Oral LD50 (RAT) = 3,000 mg/kg Inhalation LC50 (RAT, 1 h) = > 42 mg/l	Irritant

Carcinogenicity information

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts	No	No	No
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	No	No	No
Sodium chloride	No	No	No

Carcinogenicity None of the ingredients in this product are listed as carcinogens by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP) or the Occupational Safety and Health Administration (OSHA).
Mutagenicity None of the ingredients in this product are known to cause mutagenicity.
Toxicity for reproduction None of the ingredients in this product are known as reproductive, fetal, or developmental hazards.

12. ECOLOGICAL INFORMATION

Aquatic Toxicity:

This product is anticipated to be safe for the environment at concentrations predicted in household settings under normal use conditions. The following toxicity information is available for the hazardous ingredient(s) when used as technical grade and is provided as reference for the occupational settings.

Toxicity to fish:

The aquatic toxicity profile of this product has not been determined.

Toxicity to aquatic invertebrates:

The aquatic toxicity profile of this product has not been determined.

Toxicity to algae:

The aquatic toxicity profile of this product has not been determined.

Persistence and degradability

Hazardous substances CAS-No.	Result value	Route of application	Species	Method
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	readily biodegradable	aerobic	86 %	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
	inherently biodegradable	aerobic	97 - 100 %	EU Method C.9 (Biodegradation: Zahn-Wellens Test)
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides 110615-47-9	readily biodegradable	aerobic	95 - 96 %	OECD Guideline 301 A (new version) (Ready Biodegradability: DOC Die Away Test)

Bioaccumulative potential

The bioaccumulation potential of this product has not been determined.

Mobility in soil

The mobility of this product (in soil and water) has not been determined.

13. DISPOSAL CONSIDERATIONS

Description of waste residues:

Hazardous waste number: Not regulated

Safe handling and disposal methods:

Recommended method of disposal: This product is not a RCRA hazardous waste and can be disposed of in accordance with federal, state and local regulations.

Disposal of uncleaned packages: Place in trash.

14. TRANSPORT INFORMATION

The information in this section is for reference only and should not take the place of a shipping paper (bill of lading) specific to an order. Please note that the proper shipping classification may vary by packaging, properties, and mode of transportation.

U.S. Department of Transportation Ground (49 CFR)

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

International Air Transportation (ICAO/IATA)

Proper shipping name:	Not regulated
Hazard class or division:	None
Identification number:	None
Packing group:	None

Water Transportation (IMO/IMDG)

Proper shipping name:	Not regulated
Hazard class or division:	None
Identification number:	None
Packing group:	None

15. REGULATORY INFORMATION

Occupational safety and health act: Hazard Communication Standard, 29 CFR 1910.1200(g) Appendix D: The Occupational Safety and Health Administration (OSHA) require that the Safety Data Sheets (SDSs) are readily accessible to employees for all hazardous chemicals in the workplace. Since the use pattern and exposure in the workplace are generally not consistent with those experienced by consumers, this SDS may contain health hazard information not relevant to consumer use.

United States Regulatory Information

TSCA 8 (b) Inventory Status:	All components are listed as active or are exempt from listing on the Toxic Substances Control Act (TSCA) inventory.
TSCA 12 (b) Export Notification:	None above reporting de minimis
CERCLA/SARA Section 302 EHS:	None above reporting de minimis.
CERCLA/SARA Section 311/312:	Not available.
CERCLA/SARA Section 313:	None above reporting de minimis.
California Proposition 65:	Not available.

Canada Regulatory Information

CEPA DSL/NDSL Status:	One or more components are not listed on, and are not exempt from listing on either the Domestic Substances List or the Non-Domestic Substances List.

16. OTHER INFORMATION

DISCLAIMER: The data contained herein are furnished for information only and are believed to be reliable. However, Henkel Corporation and its affiliates ("Henkel") does not assume responsibility for any results obtained by persons over whose methods Henkel has no control. It is the user's responsibility to determine the suitability of Henkel's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any Henkel's products. In light of the foregoing, Henkel specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of Henkel's products. Henkel further disclaims any liability for consequential or incidental damages of any kind, including lost profits.

This safety data sheet contains changes from the previous version in sections: New Safety Data Sheet format.

Prepared by: R&D Support Services

Issue date: 03/10/2021

Safety Data Sheet according to Regulation (EC) No 1907/2006

ABC Shaping cream

SDS No. : 625182
V001.0
Revision: 05.11.2018
printing date: 08.08.2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
ABC Shaping cream

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use:
Hair Dressing Cream

1.3. Details of the supplier of the safety data sheet
Henkel AG & Co. KGaA
Düsseldorf Germany
Henkelstr. 67
40191 Düsseldorf
Phone: +49 211-797-0

E-mail address of person responsible for Safety Data Sheet:
Henkel Cosmetics, e-mail : Rolf.Bayersdoerfer@Henkel.com

1.4. Emergency telephone number
The Henkel information service also provides an around-the-clock telephone service on phone no.+49-(0)211-797-3350 for exceptional cases.
Further information is available at Poison Control Centers.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008 (CLP).

2.2. Label elements (CLP)

Remarks: The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008 (CLP).

Additional labeling: EUH210 Safety data sheet available on request.

SECTION 3: Composition/information on ingredients

3.1. Substances

3.2. Mixtures

Hazardous substances according to CLP (EC) No 1272/2008:

Hazardous substances CAS-No.	EINECS	REACH-Reg No.	Content	Classification
Octadecan-1-ol, 21EO 9005-00-9			>= 1- < 10 %	H319 Serious eye irritation 2

For full text of the H - Phrases indicated by codes only see Section 16 "Other information".

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:
In case of adverse health effects seek medical advice.

Inhalation:
not relevant.

Skin contact:
Rinse with water. Take off all clothing contaminated by the product.

Eye contact:
Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

Ingestion:
Rinse the mouth. Drink 1-2 glasses of water.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
All common extinguishing agents are suitable.

Extinguishing media which must not be used for safety reasons:
None known

5.2. Special hazards arising from the substance or mixture

The release of following substances is possible in case of fire:

Carbon dioxide
carbon monoxide
carbon oxides.
nitrogen oxides

5.3. Advice for firefighters

Wear self-contained breathing apparatus.
Wear protective equipment.

Additional information:
Dispose of combustion residues and contaminated fire-fighting water in accordance with statutory regulations.
Collect contaminated fire fighting water separately. It must not enter drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No information.

6.2. Environmental precautions

Do not allow to enter drainage system, surface or ground water of not diluted product.
Do not dispose of in wastepaper bin or trash-can.

6.3. Methods and material for containment and cleaning up

Dilute small quantities with large amount of water and rinse.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling advice:
No particular measures required.

Fire and explosion protection information:
No special measures required if used properly.

Hygiene measures:
Do not eat, drink or smoke while working.
Immediately remove soiled or soaked clothing.
Wash hands before work breaks and after finishing work.
Keep away from food, beverages and animal feed.

7.2. Conditions for safe storage, including any incompatibilities
Store in sealed original container protected against moisture.
Store far from foodstuffs.

7.3. Specific end use(s)
Hair Dressing Cream

SECTION 8: Exposure controls/personal protection

Only relevant for professional/industrial use

8.1. Control parameters
Valid for
Germany

None

8.2. Exposure controls

Engineering controls:
Ensure good ventilation/suction at the workplace.

Respiratory protection:
Not needed.

Hand protection:
For the contact with product protective gloves made from Spezial-Nitril (material thickness > 0.1 mm, break through time > 480 min class 6) are recommended according to EN 374. In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. We recommend to change single-use protective gloves periodical and a hand care plan in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.
Manufacturer e.g. German company KCL, type Dermatril.

Eye protection:
Protective goggles

Skin protection:
Suitable protective clothing

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

The following data apply to the whole mixture:

Appearance	cream O/W white
Odor	floral, woody, vanilla, amber
pH (20 °C (68 °F))	5,6 - 6,6
Initial boiling point	Not applicable
Flash point	Not applicable
Decomposition temperature	Not applicable
Vapour pressure	Not applicable
Density (20 °C (68 °F))	0,990 - 1,030 g/cm3
Bulk density	Not applicable
Viscosity (Brookfield; Instrument: RVTDV II; 20 °C (68 °F); speed of rotation: 5 min-1; Spindle No: 6)	60.000 - 160.000 mPa.s
Viscosity (kinematic)	Not applicable
Explosive properties	Not applicable
Solubility (qualitative) (20 °C (68 °F))	Miscible
Solidification temperature	Not applicable
Melting point	Not applicable
Flammability	Not applicable
Auto-ignition temperature	Not applicable
Explosive limits	Not applicable
Partition coefficient: n-octanol/water	Not applicable
Evaporation rate	Not applicable
Vapor density	Not applicable
Oxidising properties	Not applicable
Container pressure	Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity
None if used for intended purpose.

10.2. Chemical stability
None known.

10.3. Possibility of hazardous reactions
See section reactivity
None known.

10.4. Conditions to avoid
None known.

10.5. Incompatible materials
None known.

10.6. Hazardous decomposition products
None known.

SECTION 11: Toxicological information

General toxicological information:
The present product is a chemical preparation within the meaning of the chemicals act. The following evaluation has been made on the basis of the toxicological data and content by weight of the individual ingredients.
No information exists about acute toxic, irritative or otherwise harmful effects caused by the product.

11.1. Information on toxicological effects

Acute oral toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Octadecan-1-ol, 21EO 9005-00-9	LD50	> 5.000 mg/kg	rat	OECD Guideline 401 (Acute Oral Toxicity)

Acute dermal toxicity:

No data available.

Acute inhalative toxicity:

No data available.

Skin corrosion/irritation:

No data available.

Serious eye damage/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Octadecan-1-ol, 21EO 9005-00-9	not irritating		Chicken, eye, in vitro test	OECD Guideline 438 (Isolated Chicken Eye Test Method)

Respiratory or skin sensitization:

No data available.

Germ cell mutagenicity:

No data available.

Carcinogenicity

No data available.

Reproductive toxicity:

No data available.

STOT-single exposure:

No data available.

STOT-repeated exposure::

No data available.

Aspiration hazard:

No data available.

SECTION 12: Ecological information

General ecological information:
The ecological evaluation of the product is based on data from the raw material and/or comparable substances.

12.1. Toxicity

Toxicity (Fish):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Octadecan-1-ol, 21EO 9005-00-9	LC50	8,4 mg/l	96 h	Salmo gairdneri (new name: Oncorhynchus mykiss)	OECD Guideline 203 (Fish, Acute Toxicity Test)

Toxicity (Daphnia):

No data available.

Chronic toxicity to aquatic invertebrates

No data available.

Toxicity (Algae):

No data available.

Toxicity to microorganisms

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Octadecan-1-ol, 21EO 9005-00-9	EC0	> 100 mg/l	30 min	Pseudomonas putida	DIN 38412, part 27 (Bacterial oxygen consumption test)

12.2. Persistence and degradability

Hazardous substances CAS-No.	Result	Test type	Degradability	Exposure time	Method
Octadecan-1-ol, 21EO 9005-00-9	readily biodegradable	not specified	> 60 %	28 d	OECD 301 A - F

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

Hazardous substances CAS-No.	PBT / vPvB
Octadecan-1-ol, 21EO 9005-00-9	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:
Consider national regulations.

SECTION 14: Transport information

14.1. UN number

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.2. UN proper shipping name

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.3. Transport hazard class(es)

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.4. Packing group

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.5. Environmental hazards

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.6. Special precautions for user

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations/information (Germany):

WGK: 1, slightly water-endangering product. (German VwVwS of May 17, 1999)
Classification in conformity with the calculation method

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

H319 Causes serious eye irritation.

Further information:
This information is not related to the use of the product, it is based on our current level of knowledge.

Safety Data Sheet according to Regulation (EC) No 1907/2006

Authentic Beauty Concept Pomade

SDS No. : 623966
V001.0
Revision: 29.10.2018
printing date: 24.07.2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Authentic Beauty Concept Pomade

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use:
Hair Wax

1.3. Details of the supplier of the safety data sheet
Henkel AG & Co. KGaA
Düsseldorf Germany
Henkelstr. 67
40191 Düsseldorf
Phone: +49 211-797-0

E-mail address of person responsible for Safety Data Sheet:
Henkel Cosmetics, e-mail : Rolf.Bayersdoerfer@Henkel.com

1.4. Emergency telephone number
The Henkel information service also provides an around-the-clock telephone service on phone no.+49-(0)211-797-3350 for exceptional cases.
Further information is available at Poison Control Centers.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP):

Serious eye irritation	Category 2

Causes serious eye irritation.

2.2. Label elements (CLP)

Hazard pictogram:

Signal word: Warning

Hazard statement: H319 Causes serious eye irritation.

Precautionary statement: Prevention
P264 Wash skin thoroughly after handling.
P280 Wear eye protection/face protection.

Precautionary statement: Response
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.

SECTION 3: Composition/information on ingredients

3.1. Substances

3.2. Mixtures

Hazardous substances according to CLP (EC) No 1272/2008:

Hazardous substances CAS-No.	EINECS	REACH-Reg No.	Content	Classification
Alcohol ethoxylate C16-18 25EO 68439-49-6			>= 30- < 50 %	H319 Serious eye irritation 2

For full text of the H - Phrases indicated by codes only see Section 16 "Other information".

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:
In case of adverse health effects seek medical advice.

Inhalation:
not relevant.

Skin contact:
Rinse with water. Take off all clothing contaminated by the product.

Eye contact:
Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

Ingestion:
Rinse the mouth. Drink 1-2 glasses of water.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
All common extinguishing agents are suitable.

Extinguishing media which must not be used for safety reasons:
None known

5.2. Special hazards arising from the substance or mixture

The release of following substances is possible in case of fire:

Carbon dioxide
carbon monoxide
carbon oxides.
nitrogen oxides

5.3. Advice for firefighters

Wear self-contained breathing apparatus.
Wear protective equipment.

Additional information:

Dispose of combustion residues and contaminated fire-fighting water in accordance with statutory regulations.
Collect contaminated fire fighting water separately. It must not enter drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
No information.

6.2. Environmental precautions
Do not allow to enter drainage system, surface or ground water of not diluted product.
Do not dispose of in wastepaper bin or trash-can.

6.3. Methods and material for containment and cleaning up
Dilute small quantities with large amount of water and rinse.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling advice:
No particular measures required.

Fire and explosion protection information:
No special measures required if used properly.

Hygiene measures:
Do not eat, drink or smoke while working.
Immediately remove soiled or soaked clothing.
Wash hands before work breaks and after finishing work.
Keep away from food, beverages and animal feed.

7.2. Conditions for safe storage, including any incompatibilities
Store in sealed original container protected against moisture.
Store far from foodstuffs.

7.3. Specific end use(s)
Hair Wax

SECTION 8: Exposure controls/personal protection

Only relevant for professional/industrial use

8.1. Control parameters
Valid for
Germany

Ingredient [Regulated substance]	ppm	mg/m³	Value type	Short term exposure limit category / Remarks	Remarks
Glycerol 56-81-5		200	Exposure limit(s):	2 If the AGW and BGW values are complied with, there should be no risk of reproductive damage (see Number 2.7).	TRGS 900
Glycerol 56-81-5			Short Term Exposure Classification:	Category I: substances for which the localized effect has an assigned OEL or for substances with a sensitizing effect in respiratory passages.	TRGS 900

8.2. Exposure controls

Engineering controls:
Ensure good ventilation/suction at the workplace.

Respiratory protection:
Not needed.

Hand protection:
For the contact with product protective gloves made from Spezial-Nitril (material thickness > 0.1 mm, break through time > 480 min class 6) are recommended according to EN 374. In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. We recommend to change single-use protective gloves periodical and a hand care plan in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.
Manufacturer e.g. German company KCL, type Dermatril.

Eye protection:
Protective goggles

Skin protection:
Suitable protective clothing

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

The following data apply to the whole mixture:

Appearance	wax waxy colourless
Odor	floral, woody
pH (20 °C (68 °F))	4,50 - 5,50
Initial boiling point	Not applicable
Flash point	Not applicable
Decomposition temperature	Not applicable
Vapour pressure	Not applicable
Density (20 °C (68 °F))	1,050 - 1,070 g/cm3
Bulk density	Not applicable
Viscosity	Not applicable
Viscosity (kinematic)	Not applicable
Explosive properties	Not applicable
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	Soluble
Solidification temperature	Not applicable
Melting point	Not applicable
Flammability	Not applicable
Auto-ignition temperature	Not applicable
Explosive limits	Not applicable
Partition coefficient: n-octanol/water	Not applicable
Evaporation rate	Not applicable
Vapor density	Not applicable
Oxidising properties	Not applicable
Container pressure	Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity
None if used for intended purpose.

10.2. Chemical stability
None known.

10.3. Possibility of hazardous reactions
See section reactivity
None known.

10.4. Conditions to avoid
None known.

10.5. Incompatible materials
None known.

10.6. Hazardous decomposition products
None known.

SECTION 11: Toxicological information

General toxicological information:
The present product is a chemical preparation within the meaning of the chemicals act. The following evaluation has been made on the basis of the toxicological data and content by weight of the individual ingredients.
No information exists about acute toxic, irritative or otherwise harmful effects caused by the product.

11.1. Information on toxicological effects

Acute oral toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Alcohol ethoxylate C16-18 25EO 68439-49-6	LD50	> 5.000 mg/kg	rat	BASF Test

Acute dermal toxicity:

No data available.

Acute inhalative toxicity:

No data available.

Skin corrosion/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Alcohol ethoxylate C16-18 25EO 68439-49-6	not irritating		rabbit	not specified

Serious eye damage/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Alcohol ethoxylate C16-18 25EO 68439-49-6	irritating		rabbit	not specified

Respiratory or skin sensitization:

No data available.

Germ cell mutagenicity:

No data available.

Carcinogenicity

No data available.

Reproductive toxicity:

No data available.

STOT-single exposure:

No data available.

STOT-repeated exposure::

No data available.

Aspiration hazard:

No data available.

SECTION 12: Ecological information

General ecological information:
The ecological evaluation of the product is based on data from the raw material and/or comparable substances.

12.1. Toxicity

Toxicity (Fish):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Alcohol ethoxylate C16-18 25EO 68439-49-6	LC50	3,5 mg/l	96 h	Brachydanio rerio (new name: Danio rerio)	OECD Guideline 203 (Fish, Acute Toxicity Test)

Toxicity (Daphnia):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Alcohol ethoxylate C16-18 25EO 68439-49-6	EC50	> 1 - 10 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Chronic toxicity to aquatic invertebrates

No data available.

Toxicity (Algae):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Alcohol ethoxylate C16-18 25EO 68439-49-6	EC50	65 mg/l	72 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	DIN 38412-09
Alcohol ethoxylate C16-18 25EO 68439-49-6	EC10	> 1 mg/l	72 h	not specified	OECD Guideline 201 (Alga, Growth Inhibition Test)

Toxicity to microorganisms

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Alcohol ethoxylate C16-18 25EO 68439-49-6	EC0	> 5.000 mg/l	3 h	activated sludge	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)

12.2. Persistence and degradability

Hazardous substances CAS-No.	Result	Test type	Degradability	Exposure time	Method
Alcohol ethoxylate C16-18 25EO 68439-49-6	inherently biodegradable	aerobic	> 80 %	28 d	OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test)
Alcohol ethoxylate C16-18 25EO 68439-49-6	readily biodegradable	aerobic	> 60 %	28 d	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or vPvB.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:
Consider national regulations.

SECTION 14: Transport information

14.1. UN number

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.2. UN proper shipping name

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.3. Transport hazard class(es)

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.4. Packing group

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.5. Environmental hazards

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.6. Special precautions for user

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations/information (Germany):

WGK:	2, water-endangering product. (German VwVwS of May 17, 1999) Classification in conformity with the calculation method
Storage class according to TRGS 510:	10

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text
of all abbreviations indicated by codes in this safety data sheet are as follows:

H319 Causes serious eye irritation.

Further information:
This information is not related to the use of the product, it is based on our current level of knowledge.