



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

Page 1 of 11

Authentic Beauty Care Replenish Conditioner '18

SDS No. : 622457
V001.0

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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/cm ³
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]propyltri methylammonium 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" Biodegradability Closed 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.