



SAFETY DATA SHEET

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SECTION 1. IDENTIFICATION

Identification of the company:

Chemistry Connection
6WXUJLV5RDG
8QZD\$
Telephone No.: +1

Emergency tel. number: +1 800-424-9300 CHEMTREC

3URGXFW name:

3HDUOLJQ&G\DVK6KDPSRR&QFHQUDW

Primary product use:

Raw material for cosmetics

Chemical family:

A mixture of an alkyl amido propyl betaine and a pearlescent agent in aqueous solution

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Skin irritation : Category 2

Serious eye damage : Category 1

GHS label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : H315 Causes skin irritation.
H318 Causes serious eye damage.

Precautionary statements :

Prevention:

P264 Wash skin thoroughly after handling.
P280 Wear eye protection/ face protection.
P280 Wear protective gloves.

Response:

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

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P332 + P313 If skin irritation occurs: Get medical advice/
attention.
P362 Take off contaminated clothing and wash before reuse.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Substance name : A mixture of an alkyl amido propyl betaine and a pearlescent agent in aqueous solution

Hazardous components

Chemical name	CAS-No.	Concentration (% w/w)
Alcohols, C12-14, ethoxylated (2-5 EO)	68439-50-9	>= 10 - <= 20
(Carboxymethyl)dimethyl-3-[(1-oxooctadecyl)amino]propylammonium hydroxide	6179-44-8	>= 5 - <= 10

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

SECTION 4. FIRST AID MEASURES

General advice : Remove/Take off immediately all contaminated clothing.

If inhaled : Move the victim to fresh air.
Give oxygen or artificial respiration if needed.
Get immediate medical advice/ attention.
Never give anything by mouth to an unconscious person.

In case of skin contact : Wash thoroughly with soap and water for 15 minutes. If skin irritation occurs, seek medical attention.

In case of eye contact : Immediately flush eyes with large amounts of water for at least 15 minutes, holding lids apart to ensure flushing of the entire surface. Washing eyes within 1 minute is essential to achieve maximum effectiveness. Seek medical attention immediately.

If swallowed : IF SWALLOWED: Immediately call a POISON CENTER/doctor.

Most important symptoms and effects, both acute and delayed : No hazards known at this time.
The possible symptoms known are those derived from the labelling (see section 2).
No additional symptoms are known.
The possible symptoms known are those derived from the labelling (see section 2).
No additional symptoms are known.

Notes to physician : Treat symptomatically.

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SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Water spray jet
Foam
Carbon dioxide (CO₂)
Dry powder
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during firefighting : In case of fires, hazardous combustion gases are formed:
Carbon monoxide (CO)

Nitrogen oxides (NO_x)
- Further information : Exercise caution when fighting any chemical fire. Use NIOSH approved self-contained breathing apparatus and full protective clothing.
- Special protective equipment for firefighters : Self-contained breathing apparatus

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Wear suitable protective equipment.
Wearing appropriate personal protective equipment, contain spill, collect onto inert absorbent, and place in a suitable container.
Absorbent materials such as dry sand, absorbent booms, and vermiculite may be used to keep material from entering drains, sewers, or streams.
- Environmental precautions : Do not allow to enter drains or waterways
- Methods and materials for containment and cleaning up : Pick up with absorbent material (eg sand, sawdust). Rinse away rest with water

SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Observe the general rules of industrial fire protection
- Advice on safe handling : Sensitive to frost: If product becomes opaque, thickening, or frozen it can be slowly thawed at room temperature and ready for use after a short stirring time. Avoid skin and eye contact.
- Technical measures/Precautions : Store in original container.
Keep container closed.

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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Engineering measures : Local ventilation recommended - mechanical ventilation may be used.

Personal protective equipment

Respiratory protection : If airborne concentrations pose a health hazard, become irritating or exceed recommended limits, use a NIOSH approved respirator in accordance with OSHA respiratory protection requirements under 29 CFR 1910.134

Hand protection
Remarks : Butyl Rubber, PVC Or Neoprene.

Eye protection : Tightly fitting safety goggles

Skin and body protection : Protective clothing to minimize skin contact should be worn. Chemically resistant safety shoes. Wash contaminated clothing with soap and water and dry before reuse. Safety showers and eyewash stations should be provided in all areas where this material is handled. Wear suitable protective equipment.

Protective measures : Observe the usual precautions for handling chemicals. Avoid contact with skin and eyes.

Hygiene measures : Wash hands before breaks and at the end of workday. Use protective skin cream before handling the product. Take off immediately all contaminated clothing and wash it before reuse.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : viscous liquid

Colour : white

Odour : characteristic

Odour Threshold : not tested.

pH : 3.0 - 4.5
(25 °C)
Concentration: 100 g/l
Method: DIN EN 1262

Solidification point : ca. 0 °C
Data relate to solvent

Boiling point : approx. 100 °C

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Flash point	: Based on water-content. not determined
Evaporation rate	: not tested.
Flammability (solid, gas)	: Not applicable
Upper explosion limit	: not determined
Lower explosion limit	: not determined
Combustion number :	Not applicable
Vapour pressure	: ca. 0.9 kPa
Relative vapour density	: not tested.
Density	: approx. 1 g/cm ³ (20 °C) Method: DIN 51757
Bulk density	: Not applicable
Solubility(ies)	
Water solubility	: dispersible
Solubility in other solvents	: not tested. Solvent: fat
Partition coefficient: n-octanol/water	: Not applicable
Auto-ignition temperature	: not determined
Decomposition temperature	: ca. 200 °C Method: DSC
Viscosity	
Viscosity, dynamic	: < 10.000 mPa.s Method: Brookf-Visc.RVT Sp.5
Viscosity, kinematic	: not tested.
Explosive properties	: no data available
Oxidizing properties	: Not applicable
Metal corrosion rate	: Not corrosive to metals
Minimum ignition energy	: not tested.
Particle size	: Not applicable

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SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No dangerous reaction known under conditions of normal use.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	No dangerous reaction known under conditions of normal use.
Conditions to avoid	:	None known.
Incompatible materials	:	Strong acids and oxidizing agents
Hazardous decomposition products	:	When handled and stored appropriately, no dangerous decomposition products are known

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye contact
Skin contact

Acute toxicity

Product:

Acute oral toxicity	:	LD50 (Rat): > 2,000 mg/kg Remarks: Information refers to the main component.
Acute inhalation toxicity	:	Remarks: not tested.
Acute dermal toxicity	:	Remarks: not tested.

Skin corrosion/irritation

Product:

Result: irritating
Remarks: Information refers to the main component.

Serious eye damage/eye irritation

Product:

Result: Risk of serious damage to eyes.
Remarks: Information refers to the main component.

Respiratory or skin sensitisation

Product:

Species: Guinea pig
Method: OECD Test Guideline 406
Result: non-sensitizing
Remarks: Information refers to the main component.

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Germ cell mutagenicity

Product:

Germ cell mutagenicity - Assessment : Not mutagenic in Ames Test

No information available.

Carcinogenicity

Product:

Carcinogenicity - Assessment : No information available.

IARC Not listed

OSHA Not listed

NTP Not listed

Reproductive toxicity

Product:

Reproductive toxicity - Assessment : No information available.

STOT - single exposure

Product:

Remarks: not tested.

STOT - repeated exposure

Product:

Remarks: not tested.

Repeated dose toxicity

Product:

Remarks: not tested.

Aspiration toxicity

Product:

no data available

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Experience with human exposure

Product:

General Information : The possible symptoms known are those derived from the labelling (see section 2).

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Toxicity to fish : LC50 (Danio rerio (zebra fish)): > 1 - 10 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203
Remarks: Information refers to the main component.

Toxicity to daphnia and other :
aquatic invertebrates : Remarks: not tested.

Toxicity to algae :
Remarks: not tested.

Toxicity to bacteria : EC50 (Pseudomonas putida): > 1,000 mg/l
Method: DIN 38412 T.8
Remarks: Information refers to the main component.

Persistence and degradability

Product:

Biodegradability : Remarks: Not applicable

Bioaccumulative potential

Product:

Bioaccumulation : Remarks: not tested.

Mobility in soil

Product:

Distribution among :
environmental compartments : Remarks: not tested.

Other adverse effects

Product:

Additional ecological :
information : no data available

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SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

- RCRA - Resource Conservation and Recovery Act
Waste from residues : No -- Not as sold.
- Waste from residues : Should be solidified with stabilizing agents (such as sand, fly ash, or cement) so that no free liquid remains before disposal to an industrial waste landfill. A non-hazardous liquid can also be incinerated in accordance with local, state, and federal regulations.
Consult local, state, and federal regulations.
- Contaminated packaging : Packaging that cannot be cleaned should be disposed of as product waste

SECTION 14. TRANSPORT INFORMATION

- DOT not restricted
- IATA not restricted
- IMDG not restricted

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : Acute Health Hazard

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : This product is not subject to SARA Title III Section 313 reporting requirements under 40 CFR 372.

The components of this product are reported in the following inventories:

TSCA All components of this product are listed on the TSCA Inventory. However, the primary use of this product is NOT subject to TSCA but rather to FDA and must comply with the FDA regulations.

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SECTION 16. OTHER INFORMATION

Full text of other abbreviations

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Further information

Observe national and local legal requirements

This substance may be toxic to fish or aquatic organisms.

Do not allow to enter drains or waterways

Dispose of waste product or used containers according to local regulations.

Do not freeze.

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