



# Cetac 30% - Cetrimonium Chloride

## Section 1: Company and Product Identification

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**Product Name:** Cetac 30% - Cetrimonium Chloride

**INCI Name:** Cetac 30% - Cetrimonium Chloride

**Material Uses:** Active ingredient in cosmetic and personal care applications.

**Restrictions on Use:** Repackaged for cosmetic use only

**Company:** Lotioncrafter LLC  
48 Hope Ln  
Eastsound, WA 98245  
PH: 1-360-376-8008

**Emergency Response:** In USA, Canada and North America, 24 hour / 7 day emergency information for our product is provided by the CHEMTREC Emergency Call Center based in the USA.

USA, Canada, Puerto Rico, Virgin Islands                      CALL +1 800-424-9300  
In case of difficulties or for ships at sea                      CALL +1 703-527-3887  
In Europe, Middle East, Africa, Asia Pacific, South America      CALL +1 703-527-3887

## Section 2: Hazards Identification

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**Hazard Pictograms:**



**Signal Word:** Warning

**Hazard Classification (GHS):** Acute toxicity, oral: Category 4  
Eye damage/irritation: Category 2A  
Skin corrosion/irritation: Category 2  
Hazardous to aquatic environment, acute: Category 1

**Hazard Statements:** H302: Harmful if swallowed  
H315: Causes skin irritation  
H319: Causes serious eye irritation  
H401: Toxic to aquatic life

**Precautionary Statements:** **Prevention:** P264: Wash hands thoroughly after handling  
P270: Do not eat, drink or smoke when using this product  
P273: Avoid release to the environment  
P280: Wear eye protection/face protection/ protective gloves  
**Response:** P301+P330+P12: IF SWALLOWED: Rinse mouth. Call a POISON CENTER/Doctor if you feel unwell  
P302+P352+P332+P313: IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical attention.  
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+P310: If eye irritation persists: Get medical attention.  
P363: Wash contaminated clothing before reuse.  
**Disposal:** P501: Dispose of contents/container to an approved waste disposal plant

**Other Hazards:** None



# Safety Data Sheet

## Cetac 30% - Cetrimonium Chloride

Complies with 29 CFR 1910.1200

### Section 3: Composition / Information on Ingredients

Name	Hazard Category	CAS#	Weight %
Cetrimonium Chloride	Category 4 Category 2A Category 2 Category 1	112-02-7	≥28 - ≤32%
Water	Not classified	7732-18-5	≥68 - ≤72%

**Additional Information:** No additional information

### Section 4: First Aid Measures

**General Info:** All treatments should be based and observed signs of symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred. Treat symptomatically.

**Notable Exposure symptoms:** Prolonged or repeated skin contact may aggravate existing skin conditions. Inhalation of mists may aggravate existing chronic respiratory conditions such as asthma, emphysema or bronchitis.

**If ingested:** Do not give anything by mouth to an unconscious or convulsing person. Rinse mouth with water. Prevent aspiration of vomit.

**If inhaled:** Remove to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult.

**Eye contact:** Rinse eyes with water. Remove any contact lenses, and continue flushing eyes with running water for at least 15 minutes. Continue rinsing. Seek medical attention.

**Skin contact:** Wash affected areas with plenty of water. Seek medical attention if irritation develops or persists.

### Section 5: Fire Fighting Measures

**General Info:** Flash point: >200°F (SetaCC). This product is not combustible.

#### Extinguishing Method /

**Equipment:** Carbon dioxide (CO<sub>2</sub>), dry chemical, foam, halon, water spray (fog). Firefighters should wear self-contained breathing apparatus (SCBA) and full protective equipment. Do not use direct or heavy water stream to fight fire as it may splash burning liquid.

**Hazardous Decomposition Info:** Container may rupture on heating. Harmful or toxic vapors may be released. On combustion release of carbon oxides.



## Cetac 30% - Cetrimonium Chloride

### Section 6: Accidental Release Measures

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**Personal precautions, protective**

**equipment and procedures:** Spill area may be slippery. Wear appropriate protective equipment (See Section 8).

**Environmental Precautions:** Non-hazardous, but avoid direct releases to the environment.

**Containment Equipment and**

**Procedures:** Non-hazardous, but avoid direct releases to the environment.

**Cleanup Procedures:** Pick up with absorbent material and collect for disposal. Refer to Section 8 for protective equipment and Section 13 for disposal considerations.

### Section 7: Handling and Storage

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**Safe Handling Precautions:** Wear appropriate protective equipment. Handle in accordance with good industrial hygiene and safety practices.

**Recommendations for Storage:** Avoid temperatures above 40°C (104°F). Optimum storage temperature is 24°C (75°F) or lower. Do not freeze. Avoid exposure to sunlight for prolonged periods.

**Specific End Use(s):** Active ingredient in cosmetic and personal care applications.

### Section 8: Exposure Control / Personal Protection

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**Control Parameters:** No additional information available

**General / Engineering**

**Controls:** In applications where the product will be exposed to elevated temperatures, use local ventilation to remove potential decomposition products.

**Eye/face protection:** Chemical goggles with side splash protection recommended. An eye wash facility should be available in the work area.

**Hand Protection:** Wear natural rubber gloves. Observe instructions regarding permeability and breakthrough time provided by the supplier of the gloves.

**Body Protection:** Wear footwear protecting against chemicals, and impervious clothing.

**Respiratory Protection:** In operations where mists are generated, wear a NIOSH/MSHA approved respirator that has been selected by a technically qualified person for the specific work conditions.

**Thermal Hazards:** None required under normal conditions of use

**Other:** Observe good chemical hygiene practices, washing exposed areas of the skin several times daily. Launder contaminated clothing before re-use.

**Environmental Exposure**

**Controls:** Non-hazardous but avoid direct releases to the environment.

**Cetac 30% - Cetrimonium Chloride****Section 9: Physical and Chemical Properties**

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**Physical State:** Liquid

**Appearance:** Light

**Color:** Amber

**Odor:** Mild, characteristic, soapy

**Odor Threshold:** No data available

**pH:** 2.5 - 4.5 (5% (m/v)) aqueous solution

**Melting Point:** No information available

**Freezing Point:** No information available

**Boiling Point:** No information available

**Flash Point:** > 100°C (Closed Cup)

**Auto-ignition Temperature:** No information available

**Decomposition Temperature:** No information available

**Evaporation Rate:** No information available

**Vapor Pressure:** Not determined

**Explosive Limits:** Not applicable

**Vapor Density:** Not determined

**Density:** 0.95 g/ml (20°C)

**Water Solubility:** Soluble in water and alcohols

**Viscosity (cP):** Low viscosity

**Explosion Properties:** No information available

**Oxidizing Properties:** Not considered as oxidizing, Structure-activity relationship (SAR)

**Partition coefficient:** Not available

**Other information:** Ionic character: Cationic

**Section 10: Stability and Reactivity**

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**Reactivity:** No information available.

**Chemical Stability:** Stable under normal use conditions.

**Possibility of Hazardous**

**Reactions:** Hazardous polymerization does not occur.

**Conditions to Avoid:** No information available.

**Incompatible Materials:** No information available.

**Hazardous Decomposition**

**Products:** On combustion or on thermal decomposition: carbon monoxide, aldehydes, flammable hydrocarbon fragments.



# Cetac 30% - Cetrymonium Chloride

## Section 11: Toxicological Information

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**Acute Toxicity:** Acute oral: LD<sub>50</sub> 700 - 1,300 mg/kg  
Acute dermal: LD<sub>50</sub> > 4,000 mg/kg  
Acute Inhalation: No information available  
Acute Toxicity (other routes of administration): No information available  
Above data based on testing of similar materials.

**Irritation:** Causes skin irritation  
CIR: up to 0.25% appropriate for *leave-on* cosmetic products, no limit for *rinse-off* cosmetic products  
Causes serious eye irritation  
CIR: 0.1% non-irritating, 0.5% mild irritation that cleared after 72 hrs. Above data based on testing of similar materials.

**Corrosivity:** This is not a corrosive product.

**Sensitization:** Not classified by skin contact.

**Repeated Dose Toxicity:** No information available.

**Carcinogenicity:** This product does not contain any ingredient designated as probable or suspected human carcinogens by IARC, ACGIH.

**Mutagenicity:** No information available.

**Toxicity for reproduction:** No information available.

## Section 12: Ecological Information

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**Toxicity:** No ecotoxicity data available.

**Aquatic Toxicity:** No information available.

**Persistence and Degradability:** Expected to be readily biodegradable.

**Bioaccumulative Potential:** Partition coefficient: n-octanol/water: Not applicable Surface-Active  
Bioconcentration factor (BCF): Not bioaccumulative

**Mobility in Soil:** Ultimate destination of product: Water/Sediment.

**Results of PBT and vPvB**

**Assessment:** No information available.

**Other Adverse Effects:** Environmental assessment: Toxic to aquatic life

## Section 13: Disposal Information

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**Product disposal:** Dispose of product in accordance with local, regional, and national regulations.

**Container disposal:** Dispose of container in accordance with licensed collector's sorting instructions.

**Other considerations:** Not regulated under RCRA 40CFR261.



# Safety Data Sheet

## Cetac 30% - Cetrymonium Chloride

Complies with 29 CFR 1910.1200

### Section 14: Transport Information

	US DOT	EU Land Transport (ADR/RID/AND)	Sea Transport (IMDG)	Air Transport (ICAO/IATA)
<b>UN Number:</b>	Not regulated	Not regulated	UN 3082	
<b>UN Proper Shipping Name:</b>	Not regulated	Not regulated	Environmentally hazardous Substance, liquid, n.o.s. (Hexadecyltrimethyl ammonium chloride)	
<b>Transport Hazard Class(es):</b>	Not applicable	Not applicable	9	
<b>Packing Group:</b>	Not applicable	Not applicable	III	
<b>Environmental Hazards:</b>	Not applicable	Not applicable	Marine Pollutant	
<b>Special Precautions for User:</b>	None	None	None	
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:</b>	Not applicable	Not applicable	Not applicable	



## Cetac 30% - Cetrimonium Chloride

### Section 15: Regulatory Information

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**USA:** TSCA: Listed or in compliance with the requirements of the inventory  
FIFRA: Inert ingredient: N,N,N-Trimethyl-1-hexadecanaminium chloride  
FDA: UNII Code: UC9PE95IBP

**Canada:** DSL: Listed or in compliance with the requirements of the inventory

**Mexico:** INSQ: Listed or in compliance with the requirements of the inventory

**EU:** EINECS: Listed or in compliance with the requirements of the inventory; EC#203-928-6  
EU Customs Code CN: 29239000

**Australia:** AICS: Listed or in compliance with the requirements of the inventory

**China:** IECSC: Listed or in compliance with the requirements inventory

**Japan:** ENCS: Listed or in compliance with the requirements of the inventory; 2-184X

**Korea:** ECL, AREC: Listed or in compliance with the requirements of the inventory;  
2000-1-509; KE-34535

**New Zealand:** NZIoC: Listed or in compliance with the requirements of the inventory

**Philippines:** PICCS: Listed or in compliance with the requirements of the inventory

#### OSHA Hazard Communication

**Standard (26 CFR 1910.1200):** Hazardous

**SARA/EPCRA (302/304):** Not listed

#### SARA Hazard Categories

**(311/312):** Acute health hazard

**SARA Toxic Substances (313):** Not listed

**CAA (311) VOC:** Not listed

**California Prop. 65:** This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.



## Cetac 30% - Cetrimonium Chloride

### Section 16: Other Information

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**Indication of Changes:** Version 1.1 created August 28, 2019

**NPFA Rating:** 2-0-0

**HMIS Rating:** 2-0-0-B

B=Safety Glasses, Gloves

**Legal Disclaimer:** Since the user's working conditions are not known to us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

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