

**SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION**

<b>1.1 Trade Name (as labeled):</b>	<b>Cetylcide II</b>
Synonyms:	N/A
CAS No:	Mixture
<b>1.2 Product Use:</b>	Hospital disinfectant
<b>1.3 Company Name:</b>	<b>Cetylite</b>
Company Address:	9051 River Road
Company Address Cont:	Pennsauken, NJ 08110
Business Phone:	(800) 257-7740 or (856) 665-6111
Website:	<a href="http://www.cetylite.com">www.cetylite.com</a>
<b>1.4 Emergency Telephone Number:</b>	(800) 257-7740
Date of Current Revision:	November 3, 2016
Date of Last Revision:	August 27, 2013

**SECTION 2 - HAZARD IDENTIFICATION**

**EMERGENCY OVERVIEW:** This product is a light yellow colored liquid with a slight pungent odor. Corrosive: May cause irreversible eye damage. Causes severe skin burns. Harmful if swallowed.  
This product is a non-flammable liquid.  
The Environmental effects of this product have not been investigated. Release of this product is anticipated to have adverse effects in the aquatic environment.

**US DOT Symbols:**

None

**EU and GHS Symbols:**

Signal Word:

Danger!

**2.1 CLASSIFICATION OF SUBSTANCE OR MIXTURE IN ACCORDANCE WITH 29 CFR 1200 (OSHA HCS) AND THE EUROPEAN UNION DIRECTIVES:**

This product does meet the definition of a hazardous substance or preparation as defined by 29 CFR 1910. 1200 or the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives.

**EU HAZARD CLASSIFICATION OF INGREDIENTS PER DIRECTIVE 1272/2008/EC:**

Index Number:

**EC# 231-791-2 this substance is not classified in the Annex VI of Directive 67/548/EEC****EC# 269-919-4 this substance is not classified in the Annex VI of Directive 67/548/EEC****EC# 287-090-7 this substance is not classified in the Annex VI of Directive 67/548/EEC****EC# 207-838-8 Annex VI Index# 011-005-00-2****EC# 500-315-8 this substance is not classified in the Annex VI of Directive 67/548/EEC****EC# 200-573-9 Annex VI Index# 607-428-00-2**

Substances not listed either individually or in group entries must be self classified.

**Components Contributing to Classification:** Alkyl dimethyl benzyl ammonium chloride, Alkyl dimethyl ethyl ammonium chloride, Sodium Carbonate Monohydrate, Nonylphenol polyethylene glycol ether, Tetrasodium Ethylenediamine Tetraacetate

**2.2 Label Elements:****GHS Hazard Classifications:**

Acute Toxicity Category 4 (Oral)  
Skin Corrosion Category 1B  
Eye Damage Category 1  
Acute Aquatic Toxicity Category 2

**Hazard Statements:**

H302: Harmful if swallowed  
H314: Causes severe skin burns and eye damage  
H318: Causes serious eye damage  
H401: Toxic to aquatic life

**Prevention Statements:**

P260: Do not breathe dusts or mists.  
P264: Wash hands thoroughly after handling  
P270: Do not eat, drink or smoke when using this product.  
P280: Wear protective gloves/protective clothing/eye protection/face protection  
P273 Avoid release to the environment

**Response Statements:**

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P301+P312: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.  
 P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P330: Rinse mouth.  
 P363: Wash contaminated clothing before reuse.  
 P310 Immediately call a POISON CENTER/doctor if you feel unwell.  
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

**Storage Statements:**

P405: Store locked up.

**Disposal Statements:**

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**2.3 Other Hazards:**

None Applicable

**SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS**

Hazardous Ingredients:	WT%	CAS No.	EINECS No.	Hazard Classification
Water	80 - 90%	7732-18-5	231-791-2	Not Classified
Alkyl dimethyl benzyl ammonium chloride	1 - 5%	68391-01-5	269-919-4	ACUTE TOX CAT 4 (ORAL), SKIN IRRITANT CAT 2, AQUATIC ACUTE CAT 1
Alkyl dimethyl ethyl ammonium chloride	1 - 5%	85409-23-0	287-090-7	ACUTE TOX CAT 4 (ORAL), SKIN CORROSIVE CAT 1, AQUATIC ACUTE CAT 1
Sodium Carbonate Monohydrate	1 - 5%	497-19-8	207-838-8	EYE IRRITANT CAT 2
Nonylphenol polyethylene glycol ether	1 - 5%	127087-87-0	500-315-8	SKIN IRRITANT CAT 2, EYE DAM 1, AQUATIC CHRONIC 3
Tetrasodium Ethylenediamine tetraacetate	1 - 5%	64-02-8	200-573-9	ACUTE TOX CAT 4 (ORAL) EYE DAM 1
Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).				

**Note:** All WHMIS required information is included in appropriate sections based on the ANSI Z400.1-2010 format. This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR, EU Directives and the Japanese Industrial Standard JIS Z 7250:2000

**SECTION 4 - FIRST AID MEASURES****4.1 Description of First Aid Measures:****Eye Contact:**

If product enters the eyes, flush with plenty of water or eye wash solution for several minutes. Remove contacts if present and easy to do. Seek medical attention if irritation persists.

**Skin Contact:**

Wash skin thoroughly with soap and water after handling. Seek medical attention if irritation develops and persists.

**Inhalation:**

If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.

**Ingestion:**

If product is swallowed, call physician or poison center immediately. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.

**Medical Conditions Generally Aggravated by Exposure:**

Pre-existing skin or eye problems may be aggravated by prolonged contact.

**4.2 Symptoms and Effects Both Acute and Delayed:**

Exposure to skin or eyes may cause damage.

**4.3 Recommendations to Physicians:**

Treat symptoms and eliminate overexposure.



- Dispose of in accordance with U.S. Federal, State, and local hazardous waste disposal regulations and those of Canada and its Provinces, those of Australia, Japan and EU Member States (see Section 13, Disposal Considerations).

## **SECTION 7 - HANDLING AND STORAGE**

### **7.1 Precautions for Safe Handling:**

To prevent eye contact under the foreseeable conditions of use, wear appropriate safety eyewear. When handling, do not eat, drink, or smoke. Wash thoroughly after handling. Do not handle or store near heat, sparks, or flame.

### **7.2 Storage and Handling Practices:**

Keep away from incompatible materials. Keep container closed when not in use and store in well ventilated area.

### **7.3 Specific Uses:**

Hospital disinfectant.

## **SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION**

### **8.1 Exposure Parameters:**

<b><u>Ingredients</u></b>	<b><u>CAS No.</u></b>	<b><u>OSHA PEL</u></b>	<b><u>NIOSH PEL</u></b>
Water	7732-18-5	Not Listed	Not Listed
Alkyl dimethyl benzyl ammonium chloride	68391-01-5	Not Listed	Not Listed
Alkyl dimethyl ethyl ammonium chloride	85409-23-0	Not Listed	Not Listed
Sodium Carbonate Monohydrate	497-19-8	Not Listed	Not Listed
Nonylphenol polyethylene glycol ether	127087-87-0	Not Listed	Not Listed
Tetrasodium Ethylenediamine tetraacetate	64-02-8	Not Listed	Not Listed

### **8.2 Exposure Controls:**

#### **Ventilation and Engineering Controls:**

*The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132), or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.*

#### **Respiratory Protection:**

Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above.

Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

#### **Eye Protection:**

Safety glasses or goggles are recommended. If necessary, refer to U.S. OSHA 29 CFR 1910.133, Canadian Standards, and the European Standard EN166, Australian Standards, or relevant Japanese Standards.

#### **Hand Protection:**

Chemical resistant gloves are recommended to prevent skin contact. If necessary, refer to U.S. OSHA 29 CFR 1910.138, the European Standard DIN EN 374, the appropriate Standards of Canada, Australian Standards, or relevant Japanese Standards.

#### **Body Protection:**

Use body protect appropriate to task being performed. If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards. If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or where employee's feet may be exposed to electrical hazards, use foot protection, as described in U.S. OSHA 29 CFR 1910.136.

## **SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

### **9.1 Information on Basic Physical and Chemical Properties:**

**Appearance (Physical State and Color):** This product is a light yellow colored liquid with a slight pungent odor.

**Odor:** Slight pungent odor

**Odor Threshold:** No data available

**pH:** 11.7

**Melting/Freezing Point:** No data available

**Cetylite****Boiling Point:** 212°F**Flash Point:** No data available**Evaporation Rate:** No data available**Flammability (Solid; Gas):** No data available**Upper/Lower Flammability or Explosion Limits:** No data available**Vapor Pressure (mm Hg @ 20°C (68° F):** No data available**Vapor Density:** No data available**Relative Density:** Not Available**Specific Gravity:** 1.03 @20°C**Solubility in Water:** No data available**Weight per Gallon:** No data available**Partition Coefficient (n-octanol/water):** No data available**Auto-Ignition Temperature:** No data available**Decomposition Temperature:** No data available**Viscosity:** <5%**9.2 Other Information:**

No data available

**SECTION 10 - STABILITY AND REACTIVITY****10.1 Reactivity:**

This product is not reactive.

**10.2 Stability:**

Stable under conditions of normal storage and use.

**10.3 Possibility of Hazardous Reactions:**

Not identified.

**10.4 Conditions to Avoid:**

Contact with incompatible materials.

**10.5 Incompatible Substances:**

Acids; strong oxidizing agents.

**10.6 Hazardous Decomposition Products:**

When heated to decomposition this product may contain Nitrogen oxides; carbon monoxide; carbon dioxide; ammonia; hydrogen chloride.

**SECTION 11 - TOXICOLOGICAL INFORMATION****11.1 Information on Toxicological Effects:****Toxicity Data:**

Tetrasodium Ethylenediamine tetraacetate	64-02-8	LD50 Dermal – Rabbit	>5,000 mg/kg
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Acute toxicity	Acute Toxicity Category 4 (Oral)
Skin corrosion / irritation	Skin Corrosion Category 1B
Serious eye damage / irritation	Eye Damage Category 1
Respiratory or skin sensitization	Based on available data, the classification criteria are not met
Germ cell mutagenicity	Based on available data, the classification criteria are not met
Carcinogenicity	Based on available data, the classification criteria are not met
Reproductive toxicity	Based on available data, the classification criteria are not met
STOT-single exposure	Based on available data, the classification criteria are not met
STOT-repeated exposure	Based on available data, the classification criteria are not met
Aspiration hazard	Based on available data, the classification criteria are not met

**Routes of Exposure:****Symptoms of Overexposure by Route of Exposure:**

The most significant routes of overexposure for this product are by contact with skin or eyes, ingestion or inhalation. The symptoms of overexposure are described in the following paragraphs.

**Acute:**

**Inhalation:** Inhalation of vapors may cause irritation of the upper respiratory system.

**Skin Contact:** Brief contact with skin may cause skin irritation with local redness. Prolonged contact may cause severe skin burns.

**Eye Contact:** Vapours and direct contact to the eyes may be damaging.

**Ingestion:** Swallowing may result in irritation or burns of the mouth, throat and gastrointestinal system..

**Chronic:** None known**Target Organs:**

Acute: Skin, Eyes, Respiratory System

Chronic: None known

**Suspected Cancer Agent:**

One of the ingredients are found on the following lists: FEDERAL OSHA Z LIST, NTP, CAL/OSHA, IARC and therefore is considered to be, or suspected to be a cancer-causing agent by these agencies. Contains trace amount of trisodium nitrilo triacetic acid which is listed as a potential carcinogen under OSHA Std. 20 CFR 1920.1200. Also listed by; NTP, IARC.

**Irritancy:**

Contact with this product can be irritating to exposed skin and eyes.

**Sensitization to the Product:**

This product is not expected to cause skin and respiratory sensitization.

**Germ Cell Mutagenicity:**

This product does not contain ingredients that are suspected to be a germ cell mutagenic.

**Reproductive Toxicity:**

This product is not expected to be a human reproductive toxicant.

**SECTION 12 - ECOLOGICAL INFORMATION****12.1 Toxicity:**

No specific data available on this product.

**12.2 Persistence and Degradability:**

No specific data available on this product.

**12.3 Bioaccumulative Potential:**

No specific data available on this product.

**12.4 Mobility in Soil:**

No specific data available on this product.

**12.5 Results of PBT and vPvB Assessment:**

No specific data available on this product.

**12.6 Other Adverse Effects:**

No data available.

**12.7 Water Endangerment Class:**

At present, there are no ecotoxicological assessments for this product.

**SECTION 13 - DISPOSAL CONSIDERATIONS****13.1 Waste Treatment Methods:**

Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, those of Australia, EU Member States and Japan.

**13.2 EU Waste Code:**

Not determined

**SECTION 14 - TRANSPORTATION INFORMATION****14.1 U.S. Department of Transportation (DOT) Shipping Regulations:**

*This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as follows.*

**UN Identification Number:**

None

**Proper Shipping Name:**

None

**Hazard Class Number and Description:**

None

**Packing Group:**

None

**DOT Label(s) Required:**

None

**North American Emergency Response Guidebook Number:**

None

**14.2 Environmental Hazards:****Marine Pollutant:**

One of the ingredients are classified by the DOT as a Marine Pollutant (as defined by 49 CFR 172.101, Appendix B)

**14.3 Special Precaution for User:**

None

**14.4 International Air Transport Association Shipping Information (IATA):**

This product is not considered as dangerous goods.

**14.5 International Maritime Organization Shipping Information (IMO):**

This product is not considered as dangerous goods.

**SECTION 15 - REGULATORY INFORMATION****15.1 Safety, Health and Environmental Regulations Specific for the Substance or Mixture:****United States Regulations:****U.S. SARA Reporting Requirements:**

The components of this product are not subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act. None known

**U.S. SARA 311/312:**

Acute Health: Yes; Chronic Health: No; Fire: No; Reactivity: No

**U.S. SARA 313:** None known**U.S. CERCLA Reportable Quantity:**

None known

**U.S. TSCA Inventory Status:**

The components of this product are listed on the TSCA Inventory or are exempted from listing.

**Other U.S. Federal Regulations:**

None known

**California Safe Drinking Water and Toxic Enforcement Act (Proposition 65):** This product does not contain ingredients on the Proposition 65 Lists.

**15.2 Canadian Regulations:****Canadian DSL/NDSL Inventory Status:**

Components are DSL Listed, NDSL Listed and/or are exempt from listing

**Other Canadian Regulations:**

Not applicable

**Canadian Environmental Protection Act (CEPA) Priorities Substances Lists:**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by those regulations.

**Canadian WHMIS Classification and Symbols:**

Classified per WHMIS 2015 Controlled Product Regulations.

**15.3 European Economic Community Information:**

This product meets the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives. See Section 2 for Details.

**Chemical Safety Assessment:**

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

**15.4 Australian Information for Product:**

Components of this product are listed on the International Chemical Inventory list.

**15.5 Japanese Information for Product:**

Japanese Minister of International Trade and Industry (MITI) Status: The components of this product are not listed as Class I specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.

**15.6 International Chemical Inventories:**

Listing of the components on individual country Chemical Inventories is as follows:

Australian Inventory of Chemical Substances (AICS): Listed

Korean Existing Chemicals List (ECL): Listed

Japanese Existing National Inventory of Chemical Substances (ENCS): Listed

Philippines Inventory of Chemicals and Chemical Substances (PICCS): Listed

U.S. TSCA: Listed

**SECTION 16 - ADDITIONAL INFORMATION**

Prepared By: Chris Eigbrett (MSDS to GHS Compliance)

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The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of the need that information is current, applicable and suited to the circumstances of use. This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers. Cetylite assumes no responsibility for injury to vendee or third party person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, Cetylite assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

**Revision History:**

**March 8 2012** - Document creation.

**November 3 2016** - Updated template with *corrected GHS elements and added data elements for EU compliance.*

**END OF SDS SHEET**