

**MATERIAL SAFETY DATA SHEET**

Product Name: Cetrimide

CAS No.: 8044-71-1

Version: 0

**1. Identification**

**Product Code** : 90361  
**Company Name** : Advent Chembio Private Limited  
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**Company Phone Number** : 022-27690837

**2. Hazards Identification****Hazard classification**

Acute toxicity, Inhalation : Category 4  
Acute toxicity, Dermal : Category 4  
Acute toxicity, Oral : Category 4  
Skin corrosion : Category 1B  
Serious eye damage : Category 1

**Label elements****Hazard symbol**

**Signal word** : Danger

**Hazard statement** : Harmful if swallowed.  
Harmful in contact with skin.  
Causes severe skin burns and eye damage.  
Harmful if inhaled.

**Precautionary statement** : Wear protective gloves/ protective clothing/ eye protection/ face protection.  
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 or doctor/ physician

**Other hazards which do not result in GHS classification** : None

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<b>Ingredient</b>	<b>CAS No</b>	<b>Percent</b>
Cetrimide	8044-71-1	NLT- 96.0%

**4. First Aid Measures****Description of first aid measures**

<b>General advice</b>	:	Consult a physician. Show this safety data sheet to the doctor in attendance.
<b>Inhalation</b>	:	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
<b>Skin contact</b>	:	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.
<b>Eye contact</b>	:	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
<b>Swallowed</b>	:	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
<b>Most important symptoms and effects, both acute and delayed</b>	:	The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11
<b>Indication of any immediate medical attention and special treatment needed</b>	:	No data available
<b>Treatment</b>	:	

**5. Fire fighting measures**

<b>Extinguishing media</b>	:	
<b>Suitable extinguishing media</b>	:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
<b>Special hazards arising from the substance or mixture</b>	:	Carbon oxides, nitrogen oxides (NOx), Hydrogen bromide gas
<b>Advice for firefighters</b>	:	Wear self contained breathing apparatus for fire fighting if necessary
<b>Further information</b>	:	No data available

**6. Accidental Release Measures**

<b>Personal precautions, protective</b>	:	Use personal protective equipment. Avoid dust formation.
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- equipment and emergency procedures** : Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
- Environmental precautions** : Do not let product enter drains.
- Methods and materials for containment and cleaning up** : Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.
- Reference to other sections** : For disposal see section 13.

**7. Handling and Storage**

- Precautions for safe handling** : Avoid contact with skin and eyes. Avoid formation of dust and aerosols.  
Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.
- Conditions for safe storage, including any incompatibilities** : Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Hygroscopic
- Specific end use(s)** : No data available

**8. Exposure Controls Personal Protection****Control parameters****Components with workplace control parameters****Exposure controls**

- Appropriate engineering controls** : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**Personal protective equipment**

- Eye/face protection** : Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin Protection Hand protection**

- : Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.  
Wash and dry hands.

**Body Protection**

- : Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection**

- : Respiratory protection is required.

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<b>Appearance</b>	: White powder
<b>Odor</b>	: No data available
<b>pH</b>	: No data available
<b>Melting point/freezing point</b>	: 239 °C
<b>Initial boiling point and boiling range</b>	: No data available
<b>Flash Point</b>	: No data available
<b>Vapor pressure</b>	: No data available
<b>Vapor density</b>	: No data available
<b>Relative density</b>	: No data available
<b>Solubility in water</b>	: No data available
<b>Solubility (other)</b>	: No data available
<b>Formula</b>	: C <sub>17</sub> H <sub>38</sub> BrN
<b>Molecular Weight</b>	: 336.39 g/mol

**10. Stability and Reactivity**

<b>Reactivity</b>	: No data available
<b>Chemical stability</b>	: Stable under recommended storage conditions.
<b>Possibility of hazardous reactions</b>	: No data available
<b>Conditions to avoid</b>	: Avoid moisture
<b>Incompatible materials</b>	: Strong oxidizing agents
<b>Hazardous decomposition products</b>	: No data available

**11. Toxicological Information****Information on toxicological effects**

<b>Acute toxicity</b>	: No data available
<b>Skin corrosion/irritation</b>	: No data available
<b>Serious eye damage/eye irritation</b>	: No data available
<b>Respiratory or skin sensitization</b>	: May cause allergic skin reaction.
<b>Germ cell mutagenicity</b>	: No data available
<b>Carcinogenicity</b>	: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

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**Reproductive toxicity** : No data available  
**Specific target organ toxicity - single exposure** : No data available  
**Specific target organ toxicity - repeated exposure** : No data available  
**Aspiration hazard** : No data available  
**Potential health effects**  
**Inhalation** : No data available  
**Ingestion** : No data available  
**Skin** : No data available  
**Eyes** : No data available  
**Signs and Symptoms of Exposure** : Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin., Cough, Shortness of breath, Headache, Nausea

### 12. Ecological Information

**Toxicity** : No data available  
**Persistence and degradability** : No data available  
**Bioaccumulative potential** : No data available  
**Mobility in soil** : No data available  
**Other adverse effects** : No data available

### 13. Disposal consideration

**Disposal instructions** : Discharge, treatment, or disposal may be subject to national, state, or local laws.  
**Contaminated packaging** : Offer rinsed packaging material to local recycling facilities. Since emptied containers retain product residue, follow label warnings even after container is emptied.

### 14. Transport Information

	UN No.	UN proper shipping name	Hazard Class(es)	Packaging group	Marine Pollutant
<b>DOT</b>	3263	Cetrimide	8	II	No
<b>IMDG</b>	3263	Cetrimide	8	II	No
<b>IATA</b>	3263	Cetrimide	8	II	No

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This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety, health and environmental regulations/legislation specific for the substance or mixture  
No Data Available.

**16. Other Information****Issue Date :**01/08/2014**Version : 0**

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