

 Cosmetic Supply USA, Inc.	Revision: 019	Date: 02/01/2009
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MATERIAL SAFETY DATA SHEET

<p>SECTION 1. <u>Product and Company Information</u></p> <p>Code:</p> <p>Name: Cysteamine HCL</p> <p>Product number: M6500</p> <p>Company Identification : Cosmetic Supplies USA. Inc. 8810 Commodity Circle , Unit # 20 Orlando, FL , 32819 ,USA</p> <p>Tel: 1-877-COS-USA or 407-248-2948</p> <p>Fax: 407-352-0789</p>

<p>SECTION 2. <u>Composition-Information on Ingredients</u></p> <p>Substance name: CAS # SARA 313</p> <p>Cysteamine HCL: 156-57-0 No</p> <p>Formula : C₂H₇NS.CIH</p> <p>Synonyms : Cysteaminhydrochlorid (German) Ethylamine,2.mercapto, hydrochloride beta-mercaptoethylamine chlorydrat (German) mercaptoethylamine hydrochloride beta-mercaptoethylamine hydrochloride. 2-Mercaptoethylamine hydrochloride USAF EE-3</p> <p>RTECS Number: KJ0200000</p>
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<p>SECTION 3. <u>Hazards Identification</u></p> <p>EMERGENCY OVERVIEW</p> <p>Harmful</p> <p>Harmful if swallowed</p> <p>HMIS Rating</p> <p>Health: 1</p> <p>Flammability: 1</p> <p>Reactivity: 1</p> <p>NFPA Rating</p> <p>Health:</p> <p>Flamability:0</p> <p>Reactivity: 1</p> <p>For additional information on toxicity, please refer to section 11.</p>
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SECTION 4. First Aid Measures

ORAL EXPOSURE

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

INHALATION EXPOSURE

If inhaled, remove to fresh air, If not breathing give artificial respiration. If breathing is difficult, give oxygen.

DERMAL EXPOSURE

In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician

EYE EXPOSURE

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

SECTION 5. Fire Fighting Measures

FLASH POINT

N/A

AUTOIGNITION TEMP

N/A

FLAMMABILITY

N/A

EXTINGUISHING MEDIA

Suitable: water spray, carbon dioxide, dry chemical powder or appropriate foam.

FIREFIGHTING

Protective equipment: wear self contained breathing apparatus and protective clothing to prevent contact with your skin and eyes. Specific Hazard(s): Emits toxic fumes under fire conditions.

SECTION 6. Accidental Release Measures

PROCEDURE TO BE FOLLOWED IN CASE OF LEAK OR SPILL

Evacuate area.

PROCEDURE(S) OF PERSONAL PRECAUTION(S)

Wear self contained breathing apparatus, rubber boots, and heavy rubber gloves.

METHODS FOR CLEANING UP

Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete .

SECTION 7. Handling And Storage

HANDLING

User Exposure: Do not breathe dust. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

STORAGE

Suitable: Keep tightly closed.

Store at 2-8c

SPECIAL REQUIREMENTS

Hygroscopic.

SECTION 8. Exposure Controls- Personal Protection

ENGINEERING CONTROLS

* Safety shower and eye bath

* Mechanical exhaust required

PERSONAL PROTECTIVE EQUIPMENT

Respiratory: Government approved respirator.

Hand: Compatible chemical- resistant gloves.

Eye: Chemical safety goggles.

GENERAL HYGIENE MEASURES

Wash thoroughly after handling.

SECTION 9. Physical and Chemical Properties

Appearance: Solid
Color: Colorless
Form: Fine crystals
Property Value At Temperature or Pressure
Molecular Weight 113.61 AMU
pH 3.5 - 5
BP/BP Range N/A
MP/MP Range 66-68c
Freezing point N/A
Vapor Pressure N/A
Vapor Density N/A
Saturated Vapor Conc. N/A
SG/Density N/A
Bulk Density N/A
Odor Threshold N/A
Volatile % N/A
VOC Content N/A
Water Content N/A
Solvent Content N/A
Evaporation Rate N/A
Viscosity N/A
Surface Tension N/A
Partition Coefficient N/A
Decomposition Temp. N/A
Flash Point N/A
Explosion Limits N/A
Flammability N/A
Autoignition Temp
Refractive Index N/A
Optical Rotation N/A
Miscellaneous Daa N/A
Solubility, Solubility in Water: 1 M in H₂O, 20c
complete, colorless
N/A = Not Available

SECTION 10. Stability and Reactivity

STABILITY

Stable: Stable

Conditions to Avoid: Protect from moisture.

Materials to Avoid: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide, Nitrogen oxides, Sulfur oxides, Hydrogen chloride gas.

HAZARDOUS POLYMERIZATION

Hazardous Polymerization: Will not occur.

SECTION 11. Toxicological Information

ROUTE OF EXPOSURE

Skin Contact: May cause skin irritation.

Skin Absorption: May be harmful if absorbed through the skin.

Eye Contact: May cause eye irritation.

Inhalation: May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.

Ingestion: Harmful if swallowed.

SIGNS AND SYMPTOMS OF EXPOSURE

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

TOXICITY DATA

Oral

Mouse

1352 mg/Kg

LD50

Intraperitoneal

Mouse

250 MG/KG

LD50

CHRONIC EXPOSURE- MUTAGEN

Species: Mouse

Route: Intraperitoneal

Dose: 200MG/KG

Mutation test: Micro nucleus test

Species: Rat

Dose: 5 MG/L

Cell Type: Liver

Mutation test: cytogenetic analysis

SECTION 12. Ecological Information

Data not yet available.

SECTION 13. Disposal Considerations

APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION

- *Contact a licensed professional waste disposal service to dispose of this material.
- *Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an after burn and a scrubber.
- *Observe all federal, state and local environmental regulations.

SECTION 14. Transport Information

DOT

Proper Shipping Name: Aviation Regulated Solid, N.O.S

PIH: Not PIH

DATA

Proper Shipping Name: Aviation Regulated Solid, N.O.S

SECTION 15. Regulatory Information

EU ADDITIONAL CLASSIFICATION

Symbol of Danger: Xn

Indication of Danger: Harmful

R:22

Risk Statements: Harmful if Swallowed

US CLASSIFICATION AND LABEL TEXT

Indication of Danger: Harmful.

Risk Statements: Harmful if swallowed.

UNITED STATES REGULATORY INFORMATION

SARA LISTED: No

TSCA INVENTORY ITEM: Yes

DSL: Yes

NDSL: No

SECTION 16. Other Information

DISCLAIMER

For R&D use only. Not for drug, household or other uses

WARRANTY

The above information is believed to be correct but does not purport to be all inclusive and shall be used on the present state of our regard knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

For on Behalf of,
Cosmetic Supplies USA, Inc
Signed By: _____
Authorized Signature(s)