

NEWFUTURE CHEMICALS CO.,LTD

Material Safety Data sheet

Ethoxylamine Hydrochloride

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Ethoxylamine Hydrochloride

OTHER/GENERIC NAMES: O-Ethylhydroxylamine Hydrochloride

PRODUCT USE: Industrial chemical

MANUFACTURER: Shangrao Newfuture Environment Protection Technology Co.,Ltd. (<http://www.xwlhb.com>)
Jinshan industrial zone, Yushan, Shangrao, Jiangxi
Zip code:334700

FOR MORE INFORMATION CALL:

(Monday-Friday, 9:00am-4:30pm)

86-793-2365518

IN CASE OF EMERGENCY CALL:

(24 Hours/Day, 7 Days/Week)

86-793-2365516

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT NAME</u>	<u>CAS NUMBER</u>	<u>WEIGHT %</u>
Ethoxylamine Hydrochloride	3332-29-4	> 99

Trace impurities and additional material names not listed above may also appear in Section 15 towards the end of the MSDS. These materials may be listed for local "Right-To-Know" compliance and for other reasons.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Material is Appearance: white crystals.

Warning! Causes respiratory tract irritation. Causes eye and skin irritation. May cause digestive tract irritation. Hygroscopic (absorbs moisture from the air). The toxicological properties of this material have not been fully investigated.

Target Organs: None known.

POTENTIAL HEALTH HAZARDS

SKIN: Causes skin irritation.

EYES: Causes eye irritation.

INHALATION: Causes respiratory tract irritation. The toxicological properties of this substance have not been fully investigated.

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INGESTION: May cause gastrointestinal irritation with nausea, vomiting and diarrhea. The toxicological properties of this substance have not been fully investigated.

CHRONIC: No information found.

4. FIRST AID MEASURES

SKIN: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

EYES: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

INHALATION: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

INGESTION: Never give anything by mouth to an unconscious person. Get medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.

Notes to Physician: Treat symptomatically and supportively.

5. FIRE FIGHTING MEASURES

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing Media: Use agent most appropriate to extinguish fire. Do NOT get water inside containers. Use water spray, dry chemical, carbon dioxide, or appropriate foam.

Flash Point: Not applicable.

Autoignition Temperature: Not applicable.

Explosion Limits, Lower:Not available.

Upper: Not available.

NFPA Rating: (estimated) Health: 2; Flammability: 0; Instability: 0

6. ACCIDENTAL RELEASE MEASURES

General Information:

Use proper personal protective equipment as indicated in Section 8.

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Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Provide ventilation. Do not get water inside containers.

7. HANDLING AND STORAGE

Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation. Use with adequate ventilation. Do not allow contact with water. Wash clothing before reuse. Keep from contact with moist air and steam.

Storage: Keep container closed when not in use. Store in a cool, dry, well-ventilated area away from incompatible substances. Store protected from moisture.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

OSHA Vacated PELs: Ethoxyamine Hydrochloride: No OSHA Vacated PELs are listed for this chemical.

Personal Protective Equipment

Skin: Wear appropriate protective gloves to prevent skin exposure.

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	white
PHYSICAL STATE:	Crystals
pH:	Not available
MOLECULAR WEIGHT:	97.54
CHEMICAL FORMULA:	C ₂ H ₇ NO • HCl

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ODOR:	Not available
SPECIFIC GRAVITY (water = 1.0):	Not available
SOLUBILITY:	soluble
BOILING POINT:	Not available.
Freezing/Melting Point:	253.4°F (123°C)
Decomposition Temperature:	Not available
VAPOR PRESSURE(kpa):	Not available.
VAPOR DENSITY (air = 1.0):	Not available.
EVAPORATION RATE:	Not determined

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal temperatures and pressures.

Conditions to Avoid: Incompatible materials, dust generation, moisture, excess heat, strong oxidants.

Incompatibilities with Other Materials: SMOisture, strong oxidizing agents.

Hazardous Decomposition Products: Nitrogen oxides, carbon monoxide, irritating and toxic fumes and gases, carbon dioxide.

Hazardous Polymerization: Has not been reported .

11. TOXICOLOGICAL INFORMATION

No information available.

12. ECOLOGICAL INFORMATION

No information available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

14. TRANSPORT INFORMATION

No information available.

15. REGULATORY INFORMATION

FOREIGN INVENTORY STATUS:

One the EINECS inventory. EINECS No: 222-060-9

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16. OTHER INFORMATION

CURRENT ISSUE DATE: August 6, 2005.

PREVIOUS ISSUE DATE: October 28, 2004.

CHANGES TO MSDS FROM PREVIOUS ISSUE DATE ARE DUE TO THE FOLLOWING:

Amended:

Information Telephone Number, Section 1.

Respiratory Protection, Section 8.

Exposure Guidelines (corrected typo.), Section 8.

Transport Information, Section 14,

Foreign Inventory Status, Section 15.

OTHER INFORMATION: None.

MSDS Number: xwl-302

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