

NEWFUTURE CHEMICALS CO.,LTD

Material Safety Data sheet

N,O-dimethylhydroxylamine Hydrochloride

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: N,O-dimethylhydroxylamine hydrochloride

OTHER/GENERIC NAMES: O,N-dimethylhydroxylamine 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>
N,O-dimethylhydroxylamine Hydrochloride	6638-79-5	> 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: Appearance: white crystalline powder.

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

Target Organs: None.

POTENTIAL HEALTH HAZARDS

SKIN: May cause skin irritation. The toxicological properties of this material have not been fully investigated.

EYES: May cause eye irritation. The toxicological properties of this material have not been fully investigated.

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

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INGESTION: May cause digestive tract disturbances. 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: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

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: If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

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 water spray, dry chemical, carbon dioxide, or appropriate foam.

Flash Point: Not available.

Flash Point: Not applicable.

Autoignition Temperature: Not applicable.

Explosion Limits, Lower:Not available.

Upper: Not available.

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

6. ACCIDENTAL RELEASE MEASURES

General Information:

Use proper personal protective equipment as indicated in Section 8.

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Spills/Leaks:

Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up or absorb material, then place into a suitable clean, dry, closed container for disposal. Avoid generating dusty conditions. Provide ventilation.

7. HANDLING AND STORAGE

Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use adequate ventilation to keep airborne concentrations low.

OSHA Vacated PELs: N,O-Dimethylhydroxylamine 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: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	white
PHYSICAL STATE:	Crystalline powder
pH:	Not available
MOLECULAR WEIGHT:	97.55
CHEMICAL FORMULA:	C ₂ H ₇ NO • HCl
ODOR:	None reported

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SPECIFIC GRAVITY (water = 1.0):	Not available
SOLUBILITY:	soluble
BOILING POINT:	Not available.
Freezing/Melting Point:	233.6~239°F (112~115°C)
Decomposition Temperature:	Not available
VAPOR PRESSURE(kpa):	Not available
VAPOR DENSITY (air = 1.0):	3.36
EVAPORATION RATE:	Not determined

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal temperatures and pressures.

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

Incompatibilities with Other Materials: Oxidizing agents.

Hazardous Decomposition Products: Hydrogen chloride, nitrogen oxides, carbon monoxide, carbon dioxide, nitrogen.

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: 229-642-1

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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-303

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