

NEWFUTURE CHEMICALS CO.,LTD

Material Safety Data sheet

N-Hydroxyphthalimide

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: N-Hydroxyphthalimide

OTHER/GENERIC NAMES: Phthaloxime.

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-Hydroxyphthalimide	524-38-9	> 98

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: white to off-white crystalline powder.

Warning! Causes eye and skin irritation. May cause digestive tract irritation. Causes respiratory tract irritation. Irritant. The toxicological properties of this material have not been fully investigated.

Target Organs: No data found.

POTENTIAL HEALTH HAZARDS

SKIN: Causes skin irritation. May be harmful if absorbed through the skin.

EYES: Causes eye irritation. May cause chemical conjunctivitis.

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

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INHALATION: Causes respiratory tract irritation. The toxicological properties of this substance have not been fully investigated. Can produce delayed pulmonary edema.

CHRONIC: Effects may be delayed.

4. FIRST AID MEASURES

SKIN: Get medical aid. Flush skin with plenty of soap and 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 to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid. Do NOT use mouth-to-mouth resuscitation.

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. Wash mouth out with 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. 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

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6. ACCIDENTAL RELEASE MEASURES

General Information:

Use proper personal protective equipment as indicated in Section 8.

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.

7. HANDLING AND STORAGE

Handling:

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

Storage:

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: 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	white to off-white
PHYSICAL STATE:	Crystalline powder
pH:	Not available.
MOLECULAR WEIGHT:	163.04
CHEMICAL FORMULA:	C ₈ H ₅ NO ₃
ODOR:	Odourless.
SPECIFIC GRAVITY (water = 1.0):	Not available.
SOLUBILITY:	Insoluble in water. Soluble in organic solvents.
BOILING POINT:	Not available.
Freezing/Melting Point:	451~455°F (233~235°C)
VAPOR PRESSURE(kpa):	Not available.

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VAPOR DENSITY (air = 1.0): Not available.
EVAPORATION RATE: Not determined
COMPARED TO: Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability: Stable at room temperature in closed containers under normal storage and handling conditions.

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

Incompatibilities with Other Materials: Oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide, oxides of nitrogen, irritating and toxic fumes and gases, carbon dioxide.

Hazardous Polymerization: Has not been reported

11. TOXICOLOGICAL INFORMATION

Acute toxicity: No information available.

Dangerous effects for health:

The data we have are insufficient for correct toxicological assessment. Based on the physico-chemical properties, the likely dangerous characteristics are:

If inhaled: Irritations to the mucosae, coughing, breathing difficulties.

Upon contact with the skin: irritations.

Through contact with the eyes: irritations.

If swallowed: Irritations of the mucosae in the mouth, throat, oesophagus and intestinal tract.

Other dangerous characteristics are not discarded. Take the usual precautions for handling chemical products.

12. ECOLOGICAL INFORMATION

No information available.

13. DISPOSAL CONSIDERATIONS

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed.

RCRA U-Series: None listed.

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14. TRANSPORT INFORMATION

DOT CLASSIFICATION: Not a DOT controlled material (United States).

IDENTIFICATION: Not applicable.

SPECIAL PROVISIONS FOR TRANSPORT: Not applicable.

15. REGULATORY INFORMATION

FOREIGN INVENTORY STATUS:

One the EINECS inventory. EINECS №: 208-358-1.

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.