

SAFETY DATA SHEET (SDS)

Product Name: N-(2-Hydroxyethyl)phthalimide

Xi'an Veda Chemical Co.,Ltd

Section 1 Product and Company Identification

Product Name	N-(2-Hydroxyethyl)phthalimide
Manufacturer name	Xi'an Veda Chemical Co.,Ltd
Manufacture address	No.4 Hanguang South Road, Yanta District, Xi'an, China
Manufacturer post code	710065
Manufacturer fax	86-29-88665278
Manufacturer emergency number	86-29-88897366
Recommended and restricted USES	Pharmaceutical Intermediate

Section 2 Hazards Identification

Hazard class and label elements of the substance according to GHS(the ninth revised edition)

GHS hazard class

Health hazards	Eye irritation	category 2B
Signal	Warning	
Hazard statements	H320 Cause eye irritation	
Prevention	P264 Wash skin thoroughly after handling. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P317 If eye irritation persists: Get medical help.	
Storage	----	
Disposal	P501 Dispose of contents/container in accordance with Local/ Regional/ National/International regulations.	

Section 3 Composition/Information on Ingredients

Components	Concentration (%)	CAS No.	EC No.
N-(2-Hydroxyethyl)phthalimide	99	3891-07-4	223-434-4

Section 4 First Aid Measures

After skin contact	Remove contaminated clothing and shoes immediately. Rinse with soap and plenty of water. Consult a doctor.
After eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, including under the eyelids. Consult a doctor.
After ingestion	Never feed an unconscious person anything from his or her mouth. Gargle with water. Consult a doctor.
After inhalation	If inhaled, move the patient to fresh air. In case of respiratory arrest, give artificial respiration. Consult a doctor.

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Section 5 Fire Fighting Measures

Hazardous products of combustion	No data available
Extinguish method	Use dry chemicals, carbon dioxide or alcohol-resistant foam.
Special protective equipment	If necessary, use self-contained breathing apparatus for fire fighting.

Section 6 Accidental Release Measure

Personal protective measures	Use personal protective equipment. Avoid dust formation. Ensure adequate ventilation. Avoid inhaling dust. Eliminate all sources of fire. Evacuate people to a safe area.
Environmental protective measures	Take measures to prevent further leakage or overflow under safe conditions. Don't let the product go down the drain. Avoid discharge into the surrounding environment. Do not collect and dispose of dust.

Section 7 Handling and storage

Safe handling	Wear personal protective equipment. Ensure adequate ventilation. Avoid contact with skin and eyes. Avoid the formation of dust and aerosols. Avoid ingestion and inhalation.
Storage	Provide suitable exhaust equipment where dust is generated. Store in the shade. Keep container closed and store in a dry and ventilated place. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Section 8 Exposure controls/Personal protection

Engineering controls	Operate in accordance with good industrial hygiene and safety practices. Wash hands before breaks and at the end of work. Ensure adequate ventilation, especially in a confined area. Ensure the eye as well as safety showers are close to the workplace. Whenever possible, engineering control measures such as isolation process or closed, process or equipment change is introduced to make the possibility of release or contact as small as possible, and using the correct design of ventilation system, should be adopted to control the hazardous material source.
Respiratory protection	Wear respiratory protection.
Hand protection	Gloves must be examined before they are taken off. Please remove the gloves using appropriate methods (do not touch the outer surface of the gloves) to avoid any skin contact with the product. After use, please handle contaminated gloves carefully according to relevant laws and regulations

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and effective laboratory regulations and procedures. Please wash and dry your hands.

Eye protection

Safety glasses with protective edge cover.

Skin and body protection

A full set of chemical-proof overalls, the type of protective equipment must be selected according to the concentration and quantity of hazardous substances in a particular workplace.

Section 9 Physical and Chemical properties

Physical state: Crystal powder

Color: White

Odor: N.D.

pH value: N.D.

Melting point/ freezing point (°C): 126-128°C

Initial boiling and boiling range (°C): N.D.

Flash point (°C) (closed cup): N.D.

Flammability: N.D.

Upper explosive limit % (V/V): N.D.

Lower explosive limit % (V/V): N.D.

Vapor pressure (MPa): N.D.

Vapor density (g/mL): N.D.

Relative density (g/cm³): 1.39g/cm³(25°C)

Solubility: N.D.

Octanol/water partition coefficient: N.D.

Kinematic viscosity (mm²/s): N.D.

Auto-ignition temperature(°C): N.D.

Decomposition temperature (°C): N.D.

Particle characteristics: N.D.

Section 10 Stability and Reactivity

Reactivity

N.D.

Chemical stability

Stable under the recommended storage conditions.

Possibility of hazardous reactions

N.D.

Avoid conditions

Electrostatic, heat, humidity, etc.

Incompatible materials

Strong oxidizing agents

Hazardous decomposition products

N.D.

Section 11 Toxicological Information

Acute toxicity:

Harmful if swallowed.

Skin corrosion/irritation:

N.D.

Serious eye damage/eye irritation:

Causes eye irritation.

Respiratory or skin sensitization:

N. D.

Germ cell mutagenicity

O. N.D.

Carcinogenicity

N.D.

Reproductive toxicity

N.D.

Specific target organ toxicity-single exposure

N.D.

Specific target organ toxicity-repeated exposure

N.D.

Aspiration hazard

N.D.

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Section 12 Ecological Information

Toxicity	N.D.
Persistence and degradability	N.D.
Bioaccumulative potential	N.D.
Mobility in soil	N.D.
Other adverse effects	N.D.

Section 13 Disposal Considerations

Property of waste	N.D.
Methods of disposal	National and local regulations should be consulted before disposal. Contact with a qualified waste disposal agency for disposal.
Precautions of disposal	Contact professional waste disposal department to deal with waste.

Section 14 Transport Information

UN Number	—
UN proper shipping name	Not subject to the recommendations on the Transport of Dangerous Goods Model Regulations.
Transportation primary hazard class	—
Transportation secondary hazard class	—
Packing group	—
Hazard labeling	—
Marine pollutant(Yes/No)	No
Special precautions relating to transport or means of transport	The packing should be complete and the loading should be safe. During transportation, the container shall not leak, collapse, fall or be damaged. Transport vehicles and vessels must be thoroughly cleaned and disinfected, otherwise other articles may not be carried.

Section 15 Regulatory Information

Component	CHINA	TSCA	NZIoC	EINECS
N-(2-Hydroxyethyl)phthalimide	-	√	-	√

Note 1:

CHINA - Catalog of Hazardous Chemicals (2015)

TSCA - The United States Inventory of Toxic Substances Control Act Chemical Substances (TSCA)

NZIoC - New Zealand Inventory of Chemicals (NZIoC)

EINECS - European Inventory of Existing Commercial Substances (EINECS)

Note 2:

“√” Indicates that the substance included in the regulations

“-” That no data or included in the regulations

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Section 16 Additional Information

Modification statement: Please update before the implementation of the GHS Tenth revised edition.

Other information: This Safety Data Sheet (SDS) was prepared according to UN GHS (the ninth revised edition) and the information included is based on the present state of our knowledge. However, the information is provided without any warranty, express or implies, regarding its correctness and is only for users reference. Users should make their independent judgement of suitability of these information for their particular purpose. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.