



Material Safety Data Sheet

SECTION 1. Product and Company Information

CATALOG #: 30221

NAME: 5-(Hydroxymethyl)-2(1H)-pyridinone

CAS #: 109205-68-7

MF: C₆H₇NO₂

MW: 125.13

PURITY: >97%

Supplier: kinfon pharmachem co.,ltd

32F, Duhe Plaza, Lijiatuo Street, Banan Dist, Chongqing 400054 CHN

Website: <http://www.kfpharmachem.com> info@kfpharmachem.com

Emergency call: 86-(0)23-8650-0814

SECTION 2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Caution! The toxicological properties of this material have not been fully investigated. May cause eye and skin irritation. May cause respiratory and digestive tract irritation. Target Organs: None.

Eye: May cause eye irritation

Skin: May cause skin irritation

Ingestion: May cause irritation of the digestive tract

Inhalation: May cause respiratory tract irritation

Chronic: No information found

SECTION 3. FIRST AID MEASURES

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

SECTION 4. FIRE FIGHTING MEASURES



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Flash point: Not available

Autoignition temperature: Not available

Flammable limits in air, by % volume

Upper: not available

Lower: not available

Extinguishing media: Not available.

General information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, msha/niosh (approved or equivalent), and full protective gear.

SECTION 5. ACCIDENTAL RELEASE MEASURES

USE PROPER PERSONAL PROTECTIVE EQUIPMENT

PROCEDURE(S) OF PERSONAL PRECAUTION(S)

Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

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 6. HANDLING AND STORAGE

HANDLING: User Exposure: Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

STORAGE: Suitable: Keep tightly closed. Store at room temperature

SECTION 7. EXPOSURE CONTROLS/PPE

ENGINEERING CONTROLS: Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

EYES: Wear safety glasses and chemical goggles if splashing is possible.

SKIN AND CLOTHING: Wear appropriate protective gloves and clothing to prevent skin exposure.

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Wear appropriate protective clothing to minimize contact with skin.

RESPIRATORS: Wear a niosh/msha or european standard en 149 approved full-facepiece airline respirator in the positive pressure mode with emergency escape provisions.

SECTION 8. PHYSICAL/CHEMICAL PROPERTIES

APPEARANCE: Light Yellow powder

pH: N/A

VAPOR PRESSURE: Negligible.

VISCOSITY: Not available

BOILING POINT: Not available

FREEZING / MELTING POINTN/A

SECTION 9. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal temperatures and pressures.

CONDITIONS TO AVOID Incompatible materials.

INCOMPATIBILITY WITH OTHER MATERIALS: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, Nitrogen oxides.

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 10. 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: Material may be irritating to mucous membranes and



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upper respiratory tract. May be harmful if inhaled.

Ingestion: May be 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.

SECTION 11. ECOLOGICAL INFORMATION

DATA NOT YET AVAILABLE.

SECTION 12. 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 afterburner and scrubber. Observe all federal, state, and local environmental regulations.

SECTION 13. TRANSPORT INFORMATION

DOT: Proper Shipping Name: None

Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

IATA: Non-Hazardous for Air Transport: Non-hazardous for air transport

SECTION 14. REGULATORY INFORMATION

UNITED STATES REGULATORY INFORMATION

SARA LISTED: No

CANADA REGULATORY INFORMATION

WHMIS Classification: This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

DSL: No

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NDSL: No

SECTION 15. OTHER INFORMATION

MSDS LEGEND:

MW: MOLECULAR WEIGHT

MF: MOLECULAR FORMULA

VOC: VOLATILE ORGANIC COMPOUNDS

ACGIH: AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS

CAS: CHEMICAL ABSTRACTS SERVICE REGISTRY NUMBER

OSHA: OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

PEL: PERMISSIBLE EXPOSURE LIMIT (OSHA)

TLV: THRESHOLD LIMIT VALUE (ACGIH)

This MSDS is correct to the best of our knowledge and belief at the date of its publication but we cannot accept liability for any loss, injury or damage which may result from its use.

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