

MATERIAL SAFETY DATA SHEET
3-HYDROXY PYRIDINE

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Name : 3-Hydroxy pyridine

Synonyms : 3-Pyridinol

Company Identification:

Alkali Metals Ltd.,

Plot B-5, Block III, IDA Uppal

Hyderabad, India - 500 039

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SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

CAS #	Chemical Name
109-00-2	3-Hydroxy pyridine

SECTION 3 - HAZARDS IDENTIFICATION - EMERGENCY OVERVIEW

Emergency over view

Irritating to eyes, respiratory system and skin.

Potential Health Effects

Eye : Causes eye irritation.

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

Ingestion : May cause irritation of the digestive tract. May be harmful if swallowed.

Inhalation : Causes respiratory tract irritation. May be harmful if inhaled.

SECTION 4 - FIRST AID MEASURES

Eyes : Flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

Skin : Get medical aid. Flush skin with plenty of water while removing contaminated clothing and shoes.

Ingestion : Get medical aid. Wash mouth out with water.

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.

Notes to Physician : Treat symptomatically and supportively.

SECTION 5 - FIRE FIGHTING MEASURES

General Information : As in any fire, wear a self-contained breathing apparatus and full protective gear.

Extinguishing Media : Use water spray, dry chemical, carbon dioxide, or chemical foam.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

General Information : Use proper personal protective equipment.

Spills/Leaks : Vacuum or sweep up material and place into a suitable disposal container. Do not flush into a sewer. Avoid generating dusty conditions. Provide ventilation.

SECTION 7 - HANDLING and STORAGE

- Handling : Use with adequate ventilation. Avoid breathing dust, Vapor, mist or gas.
Avoid contact with skin and eyes.
- Storage : Store in a dry place. Store in tightly closed container.

SECTION 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 concentration low.
- Exposure Limits : CAS # 109-00-2 : Not available

Personal Protective Equipment

- Eyes : Wear chemical safety goggles.
- Skin : Wear appropriate protective gloves to prevent skin exposure.
- Clothing : Wear appropriate protective clothing to prevent skin exposure.
- Respirators : Wear appropriate respirators where necessary.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

- Physical State : Crystalline powder
- Colour : Beige to brown
- Odor : Not available
- pH : 6 – 6.5 (3% aq.sol.)
- Vapor Pressure : Not available
- Vapor Density : Not available.
- Viscosity : Not available.
- Boiling Point : 180 °C @ 22 mm Hg (356.00 °F)
- Freezing/Melting Point : 123-130 °C
- Explosion limits : Lower : Not available
- Explosion limits : Upper : Not available
- Specific Gravity/ Density : Not available
- Solubility : 33 g/l (20 °C)
- Decomposition Temp : Not available
- Molecular Formula : C₅H₅ NO
- Molecular Weight : 95.10

SECTION 10 - STABILITY AND REACTIVITY

- Chemical Stability : Stable under normal temperatures and pressures.
- Conditions to Avoid : Incompatible materials.
- Incompatibilities with Other Materials: Storing Oxidizing agents, Oxidizing agents, strong-acids, strong basis, acid chlorides, heavy metal salts.
- Hazardous Decomposition Products : Nitrogen oxides, carbon monoxide & carbon dioxide.
- Hazardous Polymerization : Not available

SECTION 11 - TOXICOLOGICAL INFORMATION

- RTECS# : CAS# 109-00-2: UU7701400
- LD50/LC50 : Not available.
- Carcinogenicity: 3-Hydroxy pyridine - Not listed as carcinogen by ACGIH, IARC or NTP

SECTION 12 - ECOLOGICAL INFORMATION

Not available

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with federal, state, and local regulations.

SECTION 14 - TRANSPORT INFORMATION

	ITAA	IMO	RID/ADR
Shipping Name	Not available	Not available	Not available
Hazard class	--	--	--
UN Number	--	--	--
Packing Group	--	--	--

SECTION 15 - REGULATORY INFORMATION

European / International Regulations :

European Labeling in accordance with EC directive

Hazard symbols : XI

Risk Phrases :

R 36/37/38 Irritating to eyes, respiratory system and skin.

Safety Phrase :-

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 37 / 39 Wear suitable gloves and eye/face protection

WGK (Water Danger/Protection)

CAS# 109-00-2 : Not available.

Canada

CAS # 109-00-2 is listed on Canada's NDSL List

US Federal :

TSCA

CAS # 109-00-2 is listed on the TSCA Inventory

Section – 16 Additional Information

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