

MATERIAL SAFETY DATA SHEET

4-ACETILPYRIDINE

Section 1 - Chemical Product and Company Identification

MSDS Name : 4-ACETILPYRIDINE
Synonyms : Methyl 4-pyridyl ketone

Company Identification:

Alkali Metals Ltd.,
Hyderabad, India
Tel :- 0091 40 2756 3002 / 2720 1179
Fax :- 0091 40 2756 2634 / 2720 1454
Email :- alkalimetals@alkalimetals.com

Section 2 – Composition, Information on Ingredients

CAS#	Chemical Name
1122-54-9	4-Acetylpyridine

Hazard symbols : XN
Risk phrases : 22 36 / 38

Section 3 - Hazards Identification

EMERGENCY OVERVIEW : Harmful if swallowed. Irritating to eyes and skin.

Potential health effects:

Eye : May cause eye irritation.
Skin : Causes skin irritation. May be harmful if absorbed through the skin.
Ingestion : Harmful if swallowed. May cause irritation of the digestive tract.
Inhalation : May cause respiratory tract irritation. May be harmful if inhaled.
Chronic : Not available.

Section 4 - First aid Measures

Eyes : Flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Get medical aid.
Skin : Flush skin with plenty of water while removing contaminated clothing and shoes. Get medical aid.
Ingestion : Wash mouth out with water. 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.
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 : Absorb spill with inert material, (e.g., like sand), then place into a chemical waste container. Do not use combustible materials such as saw dust.

Section 7 - Handling and Storage

- Handling** : Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes. Avoid ingestion and inhalation
- Storage** : Store in a cool, dry place. Store in a tightly closed container.

Section 8 - Exposure Controls, Personal Protection

- Engineering Controls** : Facilities storing or utilizing this material should be equipped with an eye wash facility and safety shower. Use adequate ventilation to keep airborne concentration low.

Personal Protective Equipment:-

- Eyes** : Wear chemical splash goggles.
- Skin** : Wear appropriate protective gloves to prevent skin exposure.
- Clothing** : Wear appropriate protective clothing prevent skin exposure.
- Respirators** : Wear appropriate respirators

Section 9 - Physical and Chemical Properties

Physical State	Clear liquid
Color	light yellow to brown
Odor	Unpleasant odor
PH	7 (111g / 1(20 ⁰))
Vapor Pressure	1 mbar @20 deg C
Viscosity	Not available.
Boiling Point	212 deg C @ 760.00mm Hg
Freezing/Melting Point	13 – 16 deg C
Autoignition Temperature	Not available.
Flash Point	104 deg C (219.20 deg F)
Explosion Limits, lower	Not available.
Explosion Limits, upper	Not available.
Decomposition Temperature	Not available.
Solubility	Not available.
Specific Gravity/Density	1.090
Molecular Formula	C ₇ H ₇ NO
Molecular Weight	121.14

Section 10 - Stability and Reactivity

- Chemical Stability** : Stable under normal temperature and pressure
- Conditions to Avoid** : Incompatible materials.
- Incompatibilities with Other Materials** : Strong oxidizing agents, strong reducing agents, strong acids.
- Hazardous Decomposition Products** : Nitrogen oxides, carbon monoxide, carbon dioxide.

Section 11 - Toxicological Information

- RTECS#** : CAS# 1122-54-9.;
- OB56426000** : LD50/LC 50 RTECS : Not available.
- Carcinogenicity** : 4-Acetylpyridine - Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.
- Other** : See actual entry in RTECS for complete information.

Section 12 - Ecological Information

- Ecotoxicity** : Not available.
- Other** : Not available.

Section 13 - Disposal Considerations

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

Section 14 - Transport Information

	IATA	IMO	RID / ADR
Shipping Name	TOXIC LIQUID, ORGANIC, N.O.S*	TOXIC LIQUID, ORGANIC, N.O.S*	TOXIC LIQUID, ORGANIC, N.O.S*
Hazard class	6.1	6.1	6.1
UN Number	2810	2810	2810
Packing Group	III	III	III

Section 15 – Regulatory Information

European/International Regulations. European Labeling in Accordance with EC Directives

Hazard Symbols: XN

Risk Phrases:

R 22 Harmful if swallowed.

R 36/38 Irritating to eyes and skin.

Safety Phrases:

S 26 In case 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# 1122-54-9: 2

Canada

CAS# 1122-54-9 is listed on Canada's NDSL List.

US FEDERAL

TSCA

CAS# 1122-54-9 is listed on the TSCA inventory.

Section 16 - Additional Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall Alkali Metals Ltd. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Alkali Metals Ltd., has been advised of the possibility.