

MATERIAL SAFETY DATA SHEET

3-BROMOPYRIDINE

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Name : 3-BROMOPYRIDINE

Synonyms : --

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 No.	Chemical Name
626-55-1	3-Bromopyridine

Hazard Symbols : T

Risk Phrases : 10 23/24/25 36/37/38

SECTION – 3 HAZARDS IDENTIFICATION

Emergency overview

Flammable. Toxic by inhalation, in contact with skin and if swallowed. Irritating to eyes, respiratory system and skin.

Potential Health Effects

Eyes : Causes eye irritation.

Skin : Causes skin irritation. Toxic in contact with skin.

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

Inhalation : Causes respiratory tract irritation. Toxic 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 immediately. Immediately flush skin with plenty of water while removing contaminated clothing and shoes.

Ingestion : Get medical aid immediately. 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. Give medical aid immediately.

SECTION – 5 FIRE FIGHTING MEASURES

General information : As in case of any fire, wear a self-contained breathing apparatus and full protective gear. Will burn if involved in a fire. Flammable liquid and vapor.

Extinguishing media : In case of fire, use water spray, dry chemical, chemical foam or alcohol resistant foam.

SECTION – 6 ACCIDENTAL RELEASE MEASURES

General information : Use proper personal protective equipment.

Spills/leaks : Absorb spill with inert material (e.g sand or earth), then place in suitable container. Remove all sources of ignition. Use spark proof tool.

SECTION – 7 HANDLING AND STORAGE

Handling : Use spark proof tools and explosion proof equipment. Do not breath dust, vapor mist or gas. Do not get in eyes, or skin or on clothing. Use only in a chemical fume hood.

Storage : Keep away from sources of ignition. 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 concentrations low.

Exposure Limits : CAS # 626-55-1 : Not available

Personal protective equipment

Eyes : Wear chemical splash 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 : Clear liquid

Appearance : Colourless to yellow

Odor : Not available

PH : Not available

Vapor pressure : Not available

Viscosity : Not available

Boiling point : 172 °C @ 760 mm Hg (343.40 °F)

Freezing / melting point : Not available

Flash Point : 51 °C (123.80 °F)

Decomposition temp. : Not available

Autoignition temp. : Not available

Solubility in water : 31 g/l @ 25 °C

Specific gravity/density : 1.640

Molecular Formula : C₅H₄BrN

Molecular Weight : 158

SECTION – 10 STABILITY AND REACTIVITY

Chemical stability : Stable under normal temperatures and pressures.

Conditions to avoid : Incompatible materials.

Incompatible with other materials : Strong oxidizing agents, strong acids, acid chlorides.

Hazardous decomposition products : Nitrogen oxides, carbon monoxide, carbon dioxide and hydrogen bromide.

Hazardous polymerisation : Not available

SECTION – 11 TOXICOLOGICAL INFORMATION

RTECS # : CAS No # 626-55-1 None listed

LD50/LC50 : Not available

Carcinogenicity : 3-Bromopyridine – Not listed as a carcinogen by ACGIH, IARC, NTP

SECTION – 12 ECOLOGICAL INFORMATION

Not available

SECTION – 13 DISPOSABLE CONSIDERATION

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

SECTION – 14 TRANSPORT INFORMATION

	IATA	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 Labelling in Accordance with EC directives

Hazard Symbols : T

Risk Phrases :

R 10 Flammable.

R 23/24/25 Toxic by inhalation, in contact with skin and if swallowed.

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

Safety Phrases :

S 16 Keep away from sources of ignition – No smoking.

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

S 28 A After contact with skin, wash immediately with plenty of water.

S 36/37/39 Wear suitable protective clothing, gloves and eye / face protection.

S 38 In case of insufficient ventilation, wear suitable respiratory equipment.

S 45 In case of accident or if you feel unwell, seek medical advice immediately.

WGK (Water Danger / Protection)

CAS No # 626-55-1 : Not available

Canada :

CAS No # 626-55-1 is listed on Canada's NDSL list.

US Federal :

TSCA

CAS No. 626-55-1 is listed on TSCA inventory.

SECTION – 16 ADDITIONAL INFORMATION

The above information is believed to be accurate and represents the best information currently available with us. 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 of such damages.