

MATERIAL SAFETY DATA SHEET

2,5-DIBROMOPYRIDINE

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Name : 2,5-DIBROMOPYRIDINE

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
624-28-2	2,5-Dibromopyridine

Hazard Symbols : XN

Risk Phrases : 20/21/22 36/37/38

SECTION – 3 HAZARDS IDENTIFICATION

Emergency overview

Harmful 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. Harmful if absorbed through the skin.

Ingestion May cause irritation of the digestive tract. Harmful if swallowed.

Inhalation Harmful if inhaled. Causes respiratory tract irritation.

SECTION – 4 FIRST AID MEASURES

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

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 Get medical aid. Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give Oxygen.

SECTION – 5 FIRE FIGHTING MEASURES

General information As in case of any fire use 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.

SECTION – 7 HANDLING AND STORAGE

Handling Avoid breathing dust, vapour, mist, or gas. Avoid contact with skin and eyes.

Storage Store in a cool, dry place. Keep container closed when not in used. 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 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	Crystalline powder
Appearance	White to brown
Odor	Not available
pH	Not available
Vapor pressure	Not available
Viscosity	Not available
Boiling point	Not available
Freezing / melting point	91 – 96 °C
Flash Point	Not available
Decomposition temp.	Not available
Autoignition temp.	Not available
Solubility in water	Insoluble
Specific gravity/density	--
Molecular Formula	C ₅ H ₃ Br ₂ N
Molecular Weight	236.89

SECTION – 10 STABILITY AND REACTIVITY

Chemical stability Stable under normal temperature and pressures.

Conditions to avoid Incompatible materials.

Incompatible with other materials Strong oxidizing agents.

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

Hazardous polymerisation Not available

SECTION – 11 TOXICOLOGICAL INFORMATION

RTECS # CAS No # 624-28-2 None listed
LD50/LC50 Not available
Carcinogenicity 2,5-Dibromopyridine- 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 : XN

Risk Phrases :

R 20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R 36/37/38 Irritating to eyes, respiratory system and skin.

Safety Phrases :

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical aid.
S 36/37/39 Wear suitable protective clothing, gloves and eye / face protection.

WGK (Water Danger/Protection)

CAS# 624-28-2 : Not available.

Canada

US FEDERAL

TSCA : CAS# 624-28-2 is not listed on the TSCA inventory.

SECTION – 16 ADDITIONAL INFORMATION

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