

MATERIAL SAFETY DATA SHEET

2-AMINO-5-CHLOROPYRIDINE

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Name : 2-AMINO-5-CHLOROPYRIDINE

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
1072-98-6	2-Amino-5-chloropyridine

Hazard Symbols : XN

Risk Phrases : 22 36 / 37 / 38

SECTION – 3 HAZARDS IDENTIFICATION

Emergency overview

Harmful if swallowed. Irritating to eyes, respiratory system and skin.

Potential Health Effects

Eyes	Causes 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. May cause cyanosis (bluish discoloration of skin due to deficient oxygenation of the blood).
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.
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. Give medical aid.
Notes to physician	Treat symptomatically and supportively.

SECTION – 5 FIRE FIGHTING MEASURES

General information	As in case of 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.

SECTION – 7 HANDLING AND STORAGE

Handling	Avoid breathing dust, vapor mist or gas. Avoid contact with skin and eyes.
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 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	Beige
Odor	Not available
pH	Not available
Vapor pressure	Not available
Viscosity	Not available
Boiling point	127 – 128 °C @ 11 mm Hg
Freezing / melting point	134 – 138 °C
Flash Point	160°C (320 °F)
Decomposition temp.	Not available
Autoignition temp.	700 °C (> 1292 °F)
Solubility in water	1 g/l @ 20°C
Specific gravity/density	--
Molecular Formula	C ₅ H ₅ ClN ₂
Molecular Weight	128.56

SECTION – 10 STABILITY AND REACTIVITY

Chemical stability	Not available
Conditions to avoid	Incompatible materials.
Incompatible with other materials	Strong oxidizing agents.
Hazardous decomposition products	Hydrogen chloride, nitrogen oxides, carbon monoxide, carbon dioxide.
Hazardous polymerisation	Not available

SECTION – 11 TOXICOLOGICAL INFORMATION

RTECS # CAS No # 1072-98-6 None listed
LD50/LC50 Not available
Carcinogenicity 2-Amino-5-chloro pyridine – 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 Labeling in Accordance with EC directives

Hazard Symbols : XN

Risk Phrases :

R 22 Harmful 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 advice.

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

WGK (Water Danger / Protection)

CAS No # 1072-98-6 : Not available

Canada :

US Federal :

TSCA

CAS No. 1072-98-6 is not listed on TSCA inventory.

SECTION – 16 ADDITIONAL INFORMATION

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