

MATERIAL SAFETY DATA SHEET

5-Phenyltetrazole, 98%

Section 1 – Chemical Product and Company Identification

MSDS Name	5-Phenyltetrazole, 98%
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Company Identification	Alkali Metals Ltd., Plot B-5, Block III, IDA Uppal, Hyderabad –500 039. INDIA Tel :- 0091 40 2756 3002 / 2756 2932 / 2720 2298 Fax :- 0091 40 2756 2634 / 2720 1454 Email :- alkalimetals@alkalimetals.com
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Section 2 – Composition, Information on Ingredients

CAS#	Chemical Name	%	EINECS#
18039-42-4	5-Phenyltetrazole	98%	241-950-8

Section 3 - Hazards Identification

Harmful if swallowed

POTENTIAL HEALTH EFFECTS

Eye	May cause eye irritation.
Skin	May cause skin irritation.
Ingestion	Harmful if swallowed. May cause irritation of the digestive tract.
Inhalation	May cause respiratory tract irritation.
Chronic	Not available.

Section 4 - First aid Measures

Eyes	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
Skin	Get medical aid. Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes.
Ingestion	Get medical aid. Wash mouth out with water.
Inhalation	Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Section 5 - Fire Fighting Measures

General Information	As in any fire, wear a self-contained breathing apparatus in pressure-demand.
Extinguishing Media	Use water spray, dry chemical, carbon dioxide, or chemical foam.

Section 6 - Accidental Release Measures

General Information	Use 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	Use adequate ventilation to keep airborne concentrations low.
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PERSONAL PROTECTIVE EQUIPMENT

Eyes	Wear chemical goggles.
Skin	Wear protective gloves to prevent skin exposure.
Clothing	Wear protective clothing to prevent skin exposure.
Respirators	Use respirator.

Section 9 - Physical and Chemical Properties

Physical State	:	Crystalline powder
Appearance	:	white to almost white
Odor	:	Not available.
pH	:	Not available.
Vapor Pressure	:	Not available.
Viscosity	:	Not available.
Boiling Point	:	Not available.
Freezing/Melting Point	:	216 deg C (dec)
Autoignition Temperature	:	Not available.
Flash Point	:	Not available.
Explosion Limits, lower	:	Not available.
Explosion Limits, upper	:	Not available.
Specific Gravity/Density	:	
Molecular Formula	:	C7H6N4
Molecular Weight	:	146.0688

Section 10 - Stability and Reactivity

Chemical Stability	Not available.
Conditions to Avoid	Incompatible materials.
Incompatibilities with Other Materials	Strong oxidizing agents, strong acids, acid chlorides, acid anhydrides.
Hazardous Decomposition Products	Carbon monoxide, oxides of nitrogen, carbon dioxide.
Hazardous Polymerization	Has not been reported

Section 11 - Toxicological Information

RTECS#	CAS# 18039-42-4: XF7538750
LD50/LC50	CAS# 18039-42-4: Oral, mouse: LD50 = 890 mg/kg; Oral, rat: LD50 = 1901 mg/kg.
Carcinogenicity	5-Phenyltetrazole - Not listed.

Section 12 - Transport Information

	IATA	IMO	RID/ADR
Shipping Name:	No information available.	No information available.	Not regulated.
Hazard Class:	-	-	-
UN Number:	-	-	-
Packing Group:	-	-	-
Dangerous Goods Code:	-	-	-

Section 13 - Additional Information

MSDS Creation Date	31/01/02
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