

Material Safety Data Sheet

Section 1 – Chemical Product and Company Identification

MSDS Name: 2,6-Dibromopyridine

Synonyms:

Company Identification: Shanghai PI Chemicals Ltd.
Room 6-306, Building 2
1341 Pudong South Road
Pudong New Area, Shanghai 200212, China

Telephone Number: 86-21-51389368

Fax Number: 86-21-51389367

Emergency Number: 86-21-51389369

Section 2 – Product Information

Catalog Number: PI-31381

CAS #: 626-05-1

Purity: 98.0%

EINECS# 210-926-9

Section 3 – Physical and Chemical Properties

Appearance: Off-white crystalline powder

Odor: Characteristic odor

Molecular Formula: C₅H₃Br₂N

Molecular Weight: 236.89

Freezing/Melting Point: 117 - 121°C

Boiling Point: 255°C (766mmHg)

Flash Point: 213°C

Refractive Index: Not available

Density: Not available

Decomposition Temperature: Not available

Solubility: Insoluble

Section 4 – Hazards Identification

Eye: Causes eye irritation.

Skin: Causes skin irritation. Harmful if absorbed through the skin.

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

Inhalation: Harmful if inhaled. Causes respiratory tract irritation.

Section 5 – First Aid Measures

- Eye:** 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 water and soap for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops and persists.
- 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. Get medical aid.

Section 6 – Stability and Reactivity

- Chemical Stability:** Not available
- Materials to avoid:** Strong oxidizing agents.
- Hazardous Decomposition Products:** Carbon monoxide, oxides of nitrogen, carbon dioxide, hydrogen bromide, nitrogen
- Hazardous Polymerization:** Has not been reported.

Section 7 – Handling and Storage

- Handling:** Avoid breathing dust, vapor, mist, or gas. Keep container tightly closed. Avoid contact with skin and eyes. Wash thoroughly after handling. Mechanical exhaust required.
- Storage:** Store in a cool, dry place. Store in a tightly closed container.

Section 8 – Personal Protection

- Eyes:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
- Skin:** Wear appropriate protective gloves to prevent skin exposure.
- Clothing:** Wear appropriate protective clothing to prevent skin exposure.
- Respirators:** Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Section 9 – Fire and Explosion Hazard Data

- General Information:** As in any fire, wear a self-contained breathing apparatus, MSHA/NIOSH (approved or equivalent) and protective clothing to prevent contact with skin and eyes.
- Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or appropriate foam.

Section 10 – Accidental Release Measures

- General Information:** Use proper personal protective equipment as indicated in Section 8.
- Spills/Leaks:** Vacuum or sweep up material and place into a suitable disposal container.

Section 11 – Toxicological Information**RTECS#:** CAS# 626-05-1: US7883000**LD50/LC50:** Oral, rat: LD50 = 31 mg/kg**Carcinogenicity:** 6-Dibromopyridine - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.**Section 12 – Environmental information**

Avoid entering into waters or underground water.

Section 13 – Disposal Consideration

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

Section 14 – Transport Information

	IATA	IMO	RID/ARD
Shipping Name:	TOXIC SOLID, ORGANIC, N.O.S.*	TOXIC SOLID, ORGANIC, N.O.S.	TOXIC SOLID, ORGANIC, N.O.S.
Hazard Class:	6.1	6.1	6.1
UN Number:	2811	2811	2811
Packing Group:	II	II	II

Section 15 – Regulatory Information**European/International Regulations**

European Labeling in Accordance with EC Directives

Hazard Symbols: T

Risk Phrases:

R 20/21 Harmful by inhalation and in contact with skin.

R 25 Toxic if swallowed.

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

US Federal**TSCA**

CAS# 626-05-1 is listed on the TSCA Inventory.

Section 16 – Additional Information**MSDS Creation Date:** 2/19/2007**Update:** Original

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