

Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

MSDS Name: 3,5-Dichlorobromobenzene
Synonyms: 1-Bromo-3,5-dichlorobenzene
Company Identification: PI Chemicals Ltd.
Building B, 633 E Shan Road, Pudong New Area
Shanghai 200127, China
Telephone Number: 86-21-58953700
Fax Number: 86-21-58953701

Section 2 - Product Information

Catalog Number: PI-11894
CAS Number: 19752-55-7
MDL Number: MFCD00000584
Purity: 98%

Section 3 - Physical and Chemical Properties

Physical state: Powder
Color: White
Molecular Formula: C₆H₃BrCl₂
Molecular Weight: 225.9
Freezing/Melting Point: 74°C - 77°C
Boiling Point: 232°C
Flash Point: > 110°C / > 230°F
Autoignition Temperature: Undetermined
Refractive Index (nD20): Undetermined
Density: Undetermined
Decomposition Temperature: Undetermined
Solubility: Undetermined

Section 4 - Hazards Identification

Signal word: Warning
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: May be harmful if inhaled. Cause 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:** Stable under recommended storage conditions.
- Materials to avoid:** Strong oxidizing agents.
- Conditions to Avoid:** Has not been reported.
- Hazardous Decomposition Products:** Carbon oxides, Hydrogen chloride gas, Hydrogen bromide gas.
- 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. Keep away from sources of ignition - No smoking.
- Storage:** Keep container tightly closed in a dry and well-ventilated place.

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, alcohol-resistant foam, dry chemical or carbon dioxide.

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.

11 - Toxicological Information

RTECS#: CAS# 19752-55-7: Not available.

LD50/LC50: RTECS # Not available.

Carcinogenicity: 3,5-Dichlorobromobenzene - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

Section 12 - Environmental information

Not available.

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: Not dangerous goods.

IMO: Not dangerous goods.

RID/ADR: Not dangerous goods.

Section 15 - Regulatory Information

European/International Regulations

European Labeling in Accordance with EC Directives

Signal word: Warning

Hazard statement(s):

H315: Causes skin irritation

H319: Causes serious eye irritation

H335: Causes serious eye irritation

Risk phrase:

R36: Irritating to the eyes

R37: Irritating to the respiratory system

R38: Irritating to the skin

WGK (Water Danger/Protection)

CAS# 19752-55-7: 3

Canada

CAS# 19752-55-7: Not available

US Federal

TSCA

CAS# 19752-55-7 is not listed on the TSCA Inventory. It is for research and development use only.

Section 16 - Additional Information

MSDS Creation Date: Mar 15, 2009

Update: Mar 20, 2012

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