

Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

MSDS Name: 6-Bromo-1-indanone
Synonyms:
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-32742
CAS Number: 14548-39-1
MDL Number: MFCD02179286
EC Number: Not available
Purity: 97%

Section 3 - Physical and Chemical Properties

Physical state: Powder
Color: Off-white to light yellow
Molecular Formula: C₉H₇BrO
Molecular Weight: 211.06
Freezing/Melting Point: 111 - 115 °C (232 - 239 °F)
Boiling Point: Undetermined
Flash Point: Undetermined
Autoignition Temperature: Undetermined
Refractive Index (n_D20): Undetermined
Density: Undetermined
Decomposition Temperature: Undetermined
Solubility: Undetermined

Section 4 - Hazards Identification

Eye: May cause eye irritation.
Skin: May be harmful if absorbed through skin. May cause skin irritation.
Ingestion: May be harmful if swallowed.

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

Section 5 - First Aid Measures

Eye: Flush eyes with water as a precaution.

Skin: Wash off with soap and plenty of water.

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water.

Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration.

Section 6 - Stability and Reactivity

Chemical Stability: Stable under recommended storage conditions.

Materials to avoid: Strong oxidizing agents.

Conditions to Avoid: no data available.

Hazardous Decomposition Products: Carbon oxides, Hydrogen bromide gas.

Hazardous Polymerization: Has not been reported.

Section 7 - Handling and Storage

Handling: Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Storage: Keep container tightly closed in a dry and well-ventilated place.

Section 8 - Personal Protection

Eyes: Wear appropriate protective eyeglasses.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Use an 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# 14548-39-1: Not available.
LD50/LC50: RTECS: Not available.
Carcinogenicity: 6-Bromo-1-indanone
–Not listed as a carcinogen by ACGIH, IARC, NTP, or OSHA.

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

The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials(GefStoffV).

WGK (Water Danger/Protection)

CAS#14548-39-1: 3.

Canada

CAS# 14548-39-1: Not available.

US Federal

TSCA

CAS# 14548-39-1 is not listed on the TSCA Inventory. It is for research and development use only.

Section 16 - Additional Information

MSDS Creation Date: 8 July, 2009
Update: 30 August, 2011

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