

Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

MSDS Name: 2- Bromonaphthalene
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-11812
CAS Number: 580-13-2
MDL Number: MFCD00004051
EC Number: 209-452-5
Purity: 98%

Section 3 - Physical and Chemical Properties

Form: White crystalline powder
Molecular Formula: C₁₀H₇Br
Molecular Weight: 207.07
Freezing/Melting Point: 54 - 56 °C (129 - 133 °F)
52 - 55 °C (126 - 131 °F) - lit.
Boiling Point: 281 - 282 °C (538 - 540 °F) - lit.
Flash Point: 113 °C (235 °F) - closed cup
Autoignition Temperature: Not available
Refractive Index (nD20): Not available
Density: Not available
Decomposition Temperature: Not available
Solubility: Not available

Section 4 - Hazards Identification

Inhalation: May be harmful if inhaled. Causes respiratory tract irritation.
Skin: May be harmful if absorbed through skin. Causes skin irritation.
Eyes: Cause eye irritation.
Ingestion: May be harmful if swallowed.

Section 5 - First Aid Measures

General advice:	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
If inhaled:	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact:	Wash off with soap and plenty of water. Consult a physician.
In case of eye contact:	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed:	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Section 6 - Stability and Reactivity

Chemical Stability:	Stable under recommended storage conditions.
Materials to avoid:	Oxidizing agents.
Hazardous Decomposition Products:	Carbon oxides, Hydrogen bromide gas.

Section 7 - Handling and Storage

Handling:	Avoid contact with skin and eyes. Avoid formation of dust and aerosols. 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.
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Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container.

Section 11 - Toxicological Information

RTECS#: CAS# 580-13-2: Not available.
LD50/LC50: RTECS: Not available.
Carcinogenicity: 2- Bromonaphthalene
–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

Hazard Symbols: Xn
Indication of Danger: Harmful

Risk Phrases:
R 22: Harmful if swallowed.
R 36: Irritating to the eyes.

Safety Phrases:
S 26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 36: Wear suitable protective clothing.

WGK (Water Danger/Protection)
CAS#580-13-2: 3.

Section 16 - Additional Information

MSDS Creation Date: August 12, 2010

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