

Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

MSDS Name: 1-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-34202
CAS Number: 90-11-9
MDL Number: MFCD00003868
EC Number: 201-965-2
Purity: 98%

Section 3 - Physical and Chemical Properties

Physical state: Liquid
Color: Pale yellow
Molecular Formula: C₁₀H₇Br
Molecular Weight: 207.07
Freezing/Melting Point: -2--1 °C(lit.)
Boiling Point: 133-134 °C/10 mmHg(lit.)
Flash Point: 110 °C/230 °F
Autoignition Temperature: Not available
Refractive Index (n_D20): Not available
Density: 1.48 g/mL at 20 °C(lit.)
Decomposition Temperature: Not available
Solubility: Not available

Section 4 - Hazards Identification

Eye: Causes eye irritation.
Skin: Causes skin irritation. Harmful if absorbed through the skin.
Ingestion: Harmful if swallowed.

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

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 temperatures and pressures.

Materials to avoid: Strong oxidizing agents.

Hazardous Decomposition Products: Carbon oxides, hydrogen bromine.

Hazardous Polymerization: Has not been reported.

Section 7 - Handling and Storage

Handling: Avoid all direct contact with material. Wash thoroughly after handling. Have safety shower and eye wash available. Do not get in eyes, on skin, on clothing.

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# 90-11-9: QJ1545000.

LD50/LC50: RTECS: QJ1545000.

Carcinogenicity: 1- 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: This substance is considered to be non-hazardous for transport.

IMO: This substance is considered to be non-hazardous for transport.

RID/ADR: This substance is considered to be non-hazardous for transport.

Section 15 - Regulatory Information

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: Xi, Xn

Indication of Danger: Irritant, Harmful

Risk Phrases:

R 22: Harmful if swallowed.

R 36: Irritating to the eyes.

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

R 20/21/22: Harmful by inhalation, in contact with skin and if swallowed.

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.

Section 16 - Additional Information

MSDS Creation Date: 17 October, 2008

Update: 22 July, 2011

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