

Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

MSDS Name: Methyl 2-bromomethylbenzoate
Synonyms: 2-bromomethyl-benzoic acid methyl ester
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-15370
CAS Number: 2417-73-4
MDL Number: Not available
Purity: 97%

Section 3 - Physical and Chemical Properties

Physical state: Solid
Color: White
Molecular Formula: C₉H₉BrO₂
Molecular Weight: 229.07
Freezing/Melting Point: Undetermined
Boiling Point: Undetermined
Flash Point: Undetermined
Ignition temperature: Undetermined
Refractive Index (nD20): Undetermined
Density: Undetermined
Decomposition Temperature: Undetermined
Solubility: Undetermined

Section 4 - Hazards Identification

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

Section 5 - First Aid Measures

General advice: Consult a physician. Show this safety data sheet to the doctor in attendance.

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. 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: Strong oxidizing agents.

Hazardous Decomposition Products: Carbon oxides, hydrogen bromine.

Section 7 - Handling and Storage

Handling: 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.

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container.

Section 11 - Toxicological Information

RTECS#: CAS#2417-73-4:Not available.
LD50/LC50: RTECS: Not available.
Carcinogenicity: Methyl 2-bromomethylbenzoate -Not listed as a carcinogen by ACGIH, IARC, NTP, or OSHA.

Section 12 - Environmental information

Not available

Section 13 - Disposal Consideration

Product: Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging: Dispose of as unused product.

Section 14 - Transport Information

IATA: UN#3261/Class8/PG III.
IMO: UN#3261/Class8/PG III.
RID/ADR: UN#3261/Class8/PG III.

Section 15 - Regulatory Information

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: Xn

Indication of Danger: Harmful

Risk Phrases:

R 22: Harmful if swallowed.

Safety Phrases:

S 36: Wear suitable protective clothing.

WGK (Water Danger/Protection)

CAS# 2417-73-4: Not available.

Canada

CAS# 2417-73-4: Not available.

Section 16 - Additional Information

MSDS Creation Date: 14 August, 2009
Update: 15 November, 2011

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