

Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

MSDS Name: 6-Methoxy naphthalene acetic acid
Synonyms: 6-Methoxy-2-naphthylacetic acid
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-18379
CAS Number: 23981-47-7
EC Number: 245-967-1
Purity: 95%

Section 3 - Physical and Chemical Properties

Form: Crystalline solid
Molecular Formula: C₁₃H₁₂O₃
Molecular Weight: 216.23
Freezing/Melting Point: 170-172°C
Boiling Point: Not available
Flash Point: Not available
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: May 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.
If inhaled:	If breathed in, move person into fresh air. If not breathing, give artificial respiration.
In case of skin contact:	Wash off with soap and plenty of water.
In case of eye contact:	Flush eyes with water as a precaution.
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.

Section 7 - Handling and Storage

Handling:	For spill clean up, wear suitable protective clothing, chemical resistant rubber gloves, rubber boots, and chemical safety goggles. Self contained breathing apparatus or NIOSH/MSHA approved respirator is required.
Storage:	This product should be stored at room temperature. It should be kept in a tightly closed container. This product should be handled only by qualified experienced professionals. Wash thoroughly after handling this material.

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, alcohol-resistant foam, dry chemical or carbon dioxide.
Special protective equipment for fire-fighters:	Wear self contained breathing apparatus for fire fighting if necessary.

Section 10 - Accidental Release Measures

Personal precautions:	Avoid dust formation.
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Environmental precautions: Do not let product enter drains.
Methods for cleaning up: Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 11 - Toxicological Information

RTECS#: CAS# 23981-47-7: Not available.
LD50/LC50: RTECS: Not available.
Carcinogenicity: 6-Methoxy naphthalene acetic acid
–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 available.
IMO: Not available.
RID/ADR: Not available.

Section 15 - Regulatory Information

OSHA Hazards: Xi
Indication of Danger: Irritant

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

Safety Phrases:
S 24/25: Avoid contact with skin and eyes.
S 37/39: Wear suitable gloves and eye/face protection.
S 36: Wear suitable protective clothing.

Section 16 - Additional Information

Update: May 24, 2011

The above information is believed to be accurate and represents the best knowledge available to us currently. However,

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