

Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

MSDS Name: 2-Amino-5-methoxybenzoic acid
Synonyms: 5-Methoxyanthranilic 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-16410
CAS Number: 6705-03-9
MDL Number: MFCD00016509
EC Number: Not available
Purity: 98%

Section 3 - Physical and Chemical Properties

Physical state: Powder
Color: Grayish Green
Molecular Formula: $C_8H_9NO_3$
Molecular Weight: 167.16
Freezing/Melting Point: 148-152 °C
Boiling Point: Undetermined
Flash Point: Undetermined
Autoignition Temperature: Undetermined
Refractive Index (nD20): 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: Toxic if swallowed.
Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

Section 5 - First Aid Measures

- Eye:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
- Skin:** Wash off with soap and plenty of water. Consult a physician.
- Ingestion:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
- Inhalation:** If breathed in, move person into fresh air. If not breathing give artificial respiration. Consult a physician.

Section 6 - Stability and Reactivity

- Chemical Stability:** Stable under recommended storage conditions.
- Materials to avoid:** Strong oxidizing agents.
- Conditions to Avoid:** Has not been reported.
- Hazardous Decomposition Products:** Carbon oxides, nitrogen oxides (NO_x)
- Hazardous Polymerization:** Has not been reported.

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:** Face shield and safety glasses.
- Skin:** Choose body protection according to the amount and concentration of the dangerous substance at the work place.
- Clothing:** Has not been reported.
- Respirators:** Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

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.

Section 10 - Accidental Release Measures

General Information: Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation. Do not let product enter drains.

Spills/Leaks: Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

Section 11 - Toxicological Information

RTECS#: CAS# 6705-03-9: not available.

LD50/LC50: not available.

Carcinogenicity: 2-Amino-5-methoxybenzoic 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

DOT (US): Not dangerous goods.

IMDG: Not dangerous goods.

IATA: Not dangerous goods.

Section 15 - Regulatory Information

European/International Regulations

European Labeling in Accordance with EC Directives



Pictogram:

Signal word: Warning

Hazard statement(s)

H302 Harmful if swallowed.

H319 Causes serious eye irritation.

Risk Phrases:

R 22: Harmful if swallowed.

WGK (Water Danger/Protection)

CAS# 6705-03-9:3

WGK 1: Slightly water polluting substance; **WGK 2:** Water polluting substance; **WGK 3:** Highly water polluting substance

Canada

CAS# 6705-03-9: Not available

US Federal

TSCA

CAS# 6705-03-9 is not listed on the TSCA Inventory. It is for research and development use only.

Section 16 - Additional Information

MSDS Creation Date: Mar 15, 2009

Update: Mar 12, 2012

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