

MATERIAL SAFETY DATA SHEET

Chemical Product

Product Name: 4-BROMO ANISOLE

CAS#: 104-92-7

Synonym: p-bromo anisole, 1-bromo-4-methoxy benzene

Chemical Name: 4-Bromo Anisole

Chemical Formula: C₇H₇BrO

Composition and Information on Ingredients

Name	S.K.U	% by Weight
4-Bromo Anisole	GCS-6187	100

Hazards Identification

This substance is not classified as dangerous according to Directive 67/548/EEC.

First Aid Measures

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.

Fire and Explosion Data

Suitable 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.

Accidental Release Measures

Per Personal precautions: Avoid breathing vapors, mist or gas.

Environmental precautions: Do not let product enter drains.

Methods for cleaning up: Keep in suitable, closed containers for disposal.

Handling and Storage

Handling:

Normal measures for preventive fire protection.

Storage:

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Exposure Controls/Personal Protection

Personal protective equipment

Respiratory protection:

Respiratory protection is not required. Where protection is desired, use multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection: For prolonged or repeated contact use protective gloves.

Eye protection: Safety glasses

Hygiene measures: General industrial hygiene practice.

Physical and Chemical Properties

Appearance Form	: Clear, Liquid
Colour	: Light yellow
pH	: No data available
Molecular Weight	: 187.04 g/mole
Melting point	: 9 - 10 °C - lit.
Boiling point	: 223 °C - lit.
Flash point	: 98 °C - closed cup
Ignition temperature	: No data available
Lower explosion limit	: No data available
Upper explosion limit	: No data available
Density	: 1,494 g/mL at 25 °C
Water solubility	: No data available
Partition coefficient:n-octanol/water log Pow: 3,05	

Stability and Reactivity Data

Storage stability: Stable under recommended storage conditions.

Materials to avoid: Strong oxidizing agents, Strong acids

Hazardous decomposition products:

Hazardous decomposition products formed under fire conditions. - Carbon oxides, Hydrogen bromide gas

Toxicological Information

Acute toxicity: LD50 Oral -

mouse - 2.200 mg/kg

Irritation and corrosion:

No data available

Sensitisation:

No data available

Chronic exposure

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Signs and Symptoms of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Potential Health Effects

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 May be harmful if swallowed.

Ecological Information

Elimination information (persistence and degradability): No data available

Ecotoxicity effects: No data available

Further information on ecology: No data available

Disposal Considerations

Product:

Observe all federal, state, and local environmental regulations.

Contaminated packaging: Dispose of as unused product.

Transformation Information

Land transport (ADR-RID)

General information: Not regulated.

Sea transport (IMDG) [English only]
General information: Not regulated.

Air transport (ICAO-IATA) [English only]
General information: Not regulated.

Other Regulatory Information

Labelling according to EC Directives

Further information: The product does not need to be labelled in accordance with EC directives or respective national laws.

Additional Information

References: Not available.


Other Special Considerations: Not available.

Disclaimer:

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