



Shanghai Sunway Pharmaceutical Technology Co., Ltd

上海相辉医药科技有限公司

Accelerating Drug Development thereby Serving Humanity

Material Safety Data Sheet

Section 1 - Product and Company Identification

Product Name: 1-Bromo-2-(2-methoxyethoxy)ethane

CAS No.: 54149-17-6

Company : 3WAY PHARM(HK)Co.Ltd

ADD: Room C333, 1#, No 128, Xiangyin Road, Yangpu District, Shanghai, China

TEL: +86-21-51613950

FAX: +86-21-51613951

Web Site: www.sunwaypharm.com

Recommended use of the chemical and restrictions on use

Recommended use: Laboratory research (R&D)

Restrictions on use:

Section 2 – Hazards Identification

2.1 Classification of the substance or mixture

Skin irritation, Category 2

Specific target organ toxicity – single exposure, Category 3

2.2 GHS label elements, including precautionary statements

Pictogram(s)

Signal word

Warning

Hazard statement(s)

H227 Combustible liquid

H315 Causes skin irritation

H319 Causes serious eye irritation

H335 May cause respiratory irritation

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Precautionary statement(s)

Prevention

P264 Wash ... thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P271 Use only outdoors or in a well-ventilated area.

Response

P302+P352 IF ON SKIN: Wash with plenty of water/...

P321 Specific treatment (see ... on this label).

P332+P317 If skin irritation occurs: Get medical help.

P362+P364 Take off contaminated clothing and wash it before reuse.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P319 Get medical help if you feel unwell.

Storage

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

Disposal

P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

2.3 Other hazards which do not result in classification

no data available

Section 3 – Composition/Information on Ingredients

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CAS#	Chemical Name	Ingredients	Concentration
54149-17-6	1-Bromo-2-(2-methoxyethoxy)ethane		98%

Section 4 – First Aid Procedures

In case of eyes contact: Check for and remove any contact lenses. Immediately flush eyes with clean, running water for at least 15 minutes while keeping eyes open. Cool water may be used. Seek medical attention.

In case of skin contact: After contact with skin, wash with generous quantities of running water. Gently and thoroughly wash affected area with running water and non-abrasive soap. Cool water may be used. Cover the affected area with emollient. Seek medical attention. Wash any contaminated clothing prior to reusing.

If inhaled: Remove the victim from the source of exposure to fresh, uncontaminated air. If victim's breathing is difficult, administer oxygen. Seek medical attention.

If swallowed: Do NOT induce vomiting. Give water to victim to drink. Seek medical attention.

Potential health Effects: No further information available.

Section 5 – Fire Fighting Measures

Flammable properties

Flash point : No data available

Autoignition Temperature: No data available

Burning rate: No data available

Suitable extinguishing media : No data available

Specific hazards arising from the chemical No data available

Special protective equipment for fire-fighters: No data available

Section 6 - Accidental Release Measures

Personal precautions: Wear protective equipment and keep unprotected personnel

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away. Ensure adequate ventilation. Remove all sources of ignition. Prevent further leak or spill if safe to do so. For personal protective equipment.

Environmental precautions: Do not let product enter drains, other waterways, or soil.

Methods and materials for containment and cleaning up: Prevent further leak or spill if safe to do so.

Vacuum, sweep up, or absorb with inert material and place into a suitable disposal container. Consult local regulations for disposal. Also, see heading 13.

Section 7 - Handling and Storage

Precautions for safe handling: Avoid contact with skin, eyes, and personal clothing. Wash hands thoroughly after handling. Avoid breathing fumes. Use only with adequate ventilation. Wear suitable protective clothing, gloves, and eye/face protection. Keep away from sources of ignition. Minimize dust generation and accumulation. Keep container tightly closed. Open and handle container with care. Do not eat, drink, or smoke while handling.

Conditions for safe storage: Store in a tightly-closed container when not in use. Store in a cool, dry, well ventilated area away from incompatible substances. Keep away from sources of ignition.

Section 8 - Exposure Controls and Personal Protection

Components with workplace control parameter

KOSHA: No data available

US ACGIH: No data available

Personal protective equipment

Respiratory protection: Avoid contact with skin, eyes, and clothing. Wash hands before breaks and immediately after handling the product. Facilities storing or utilizing this material should be equipped with an eyewash fountain. Use adequate ventilation to keep airborne concentrations low.

Hand protection: Wear protective gloves

Eye protection: Wear chemical splash goggles.

Skin and body protection: Wear protective lab coat and boots.

Section 9 - Physical and Chemical Properties

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Physical State: No data available

Appearance: Colorless liquid

PH: No data available

Flash point: No data available

Auto ignition temperature: No data available

Water solubility: No data available

Density: No data available

Melting range: No data available

Lower explosion limit: No data available

Upper explosion limit: No data available

Section 10 - Stability and Reactivity

Chemical stability : No data available

Conditions to avoid: Dust generation.

Materials to avoid: Strong oxidizing agents

Hazardous decomposition products: Hydrogen chloride, Hydrogen bromide, Nitrogen oxides, Carbon oxides

Section 11 - Toxicological Information

Acute Toxicity: No data available

Skin corrosion/irritation:

Serious eye damage / eye irritation: Eye contact may result in redness, pain or severe eye damage.

Respiratory or skin sensitization: Skin contact may result in inflammation characterized by itching, scaling, reddening, blistering, pain or dryness.

Germ cell mutagenicity: Inhalation may cause irritation of the lungs and respiratory system.

Overexposure may result in serious illness or death.

Carcinogenicity: No data available

Reproductive toxicity: No data available

Specific target organ toxicity-single exposure(GHS):

Specific target organ toxicity-repeated exposure(GHS):

Aspiration hazard: No data available

Section 12 - Ecological Information

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Toxicity: No data available.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Other adverse effects: No data available.

Section 13 - Disposal Considerations

Disposal consideration: Chemical waste generators must determine whether a discarded chemical is classified as hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification. Observe all federal, state and local regulations when disposing of the substance.

Disposal precaution: Do not reuse containers. Dispose of as unused product.

Section 14 - Transport Information

UN TDG: No data available.

IMDG: No data available.

IATA: No data available.

Section 15 - Regulatory Information

Korea/KECI: not listed.

Korean regulations:

- Industrial Safety and Health Act: no information
- Chemical Control Act: CAS#54149-17-6-no information
- Dangerous Substances Safety Management Act: CAS#54149-17-6-no applicable
- Waste Management Act: no information
- Other requirements in domestic and other countries:

China: if applicable, this substance complies with (Hazardous Chemical Control Ordinance)

(Issued by the State Council of China on February 16, 2011)

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Section 16 - Other Information

Issued Date:2023/08/23

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-GHS Classification:No data available

-Physical and chemical properties:No data available

-Transport information:No data available

-Toxix information:No data available

-Ecological Information:No data available



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