

Safety data sheet

Dilution vial

Version 1.0

Effective date: 09-04-2024



SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product identifier.

Trade name: Dilution vial.

1.2 Relevant identified uses of the substance or mixture and uses advised against:

Product use: The dilution vial is intended as a diluent for dilution of bacterial samples prior to measurements on the BactoBox system.

1.3 Details of the Supplier of the safety data sheet:

Company: SBT Instruments
Symfonivej 37
2730, Herlev
Copenhagen, Denmark
www.sbtinstruments.com
info@sbtinstruments.com

1.4 Emergency telephone number:

Use your national or local emergency number.
United Kingdom: Contact The National Poisons Information Service (dial 111, 24 h service).

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture according to CLP No 1272/2008/GB CLP.

Not classified.

2.2 Label elements according to CLP No 1272/2008/GB CLP:

Not classified.

Additional information:

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2.3 Other hazards.

The product contains no PBT or vPvB substances.

This mixture does not contain substances with endocrine disrupting properties in accordance with the criteria laid down in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance:

This product is a mixture.

3.2 Mixture:

The product contains no notifiable substances.

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SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures.

| | |
|-----------------------------|--|
| General information: | Consult physician if symptoms persist. |
| Inhalation: | Normally no hazard. |
| Skin contact: | Normally no hazard. Flush skin with water. |
| Eye contact: | Rinse thoroughly with plenty of water for several minutes. Remove contact lenses, if present and easy to do. |
| Ingestion: | Rinse mouth with water and spit out. Normally no hazard. Get medical advice/attention if you feel unwell. |

4.2 Most important symptoms and effects, both acute and delayed:

None known.

4.3 Indication of any immediate medical attention and special treatment needed:

Treat symptomatically.

SECTION 5. FIRE FIGHTING MEASURES

5.1 Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. The product itself does not burn.

Unsuitable extinguishing media:
None known.

5.2 Special hazards arising from the substance or mixture:
No special hazards known.

5.3 Advice for firefighters: Wear self-contained breathing apparatus and protective clothing to prevent contact.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:
No special precautions necessary.

6.2 Environmental precautions:
No special precautions necessary.

6.3 Methods and material for containment and cleaning up:
Small spills: wipe up with absorbent material (e.g. cloth, fleece).
Then rinse the spillage site with plenty of water. Dispose of in accordance with section 13.

6.4 Reference to other sections:
See section 8 for personal protection.
See section 13 for disposal.

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SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling:

No special precautions necessary.
Use product according to instruction.

7.2 Conditions for safe storage, including any incompatibilities:

Store in well ventilated area away from direct sunlight.
Store frost-free.

7.3 Specific end use(s):

This product should only be used for applications described in section 1.2.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters - Occupational exposure limits EH-40 (Great Britain) 2018:

Contains no substances with occupational exposure.

DNEL/PNEC:

No data.

8.2 Exposure controls.

Appropriate technical measures:

Normal room-ventilation.

General information / Hygiene measures:

Wash hands after handling.

Personal protective equipment:

Only CE-marked personal protection equipment should be used.

Respiratory protection:

Not necessary.

Hand protection:

Not necessary.

Eye protection:

Not necessary.

Body protection:

Normal work clothing.

Measures to avoid environmental exposure:

No special precautions necessary.

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties.

| | |
|--|----------------------|
| Physical state: | Liquid |
| Colour: | Product specific |
| Odour: | Mild |
| Melting point/freezing point: | Not relevant/no data |
| Boiling point: | Not relevant/no data |
| Flammability: | Not relevant/no data |
| Lower and upper explosion limit: | Not relevant/no data |
| Flash point: | >100°C |
| Auto-ignition temperature: | Not relevant/no data |
| Decomposition temperature: | Not relevant/no data |
| pH: | Not relevant/no data |
| Kinematic viscosity: | Not relevant/no data |
| Solubility: | Soluble in water |
| Partition coefficient n-octanol/water: | Not relevant/no data |
| Vapour pressure: | Not relevant/no data |
| Density and/or relative density: | ~1,0 g/ml |
| Relative vapour density: | Not relevant/no data |
| Particle characteristics: | Not relevant/no data |

9.2 Other information:

No data.

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity: No dangerous reaction known under conditions of normal use.

10.2 Chemical stability: Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions:
None known if used and storage as recommended.

10.4 Conditions to avoid: Direct sunlight and frost.

10.5 Incompatible materials: None known.

10.6 Hazardous decomposition products:
None at recommended storage conditions and use.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008/GB CLP.

Acute toxicity: Not classified.

Skin corrosion/irritation: Not classified.

Serious eye damage/irritation: Not classified.

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Respiratory or skin sensitization: Not classified.

Germ cell mutagenicity: Not classified.

Carcinogenicity: Not classified.

Reproductive toxicity: Not classified.

Specific target organ toxicity - single exposure: Not classified.

Specific target organ toxicity – repeated exposure: Not classified.

Aspiration hazard: Not classified.

11.2 Information on other hazards:

Endocrine disrupting properties:

The product/substance has no endocrine disrupting properties.

Additional information: None.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity: Not classified.

12.2 Persistence and degradability:

The product is biodegradable.

12.3 Bioaccumulative potential:

No data available.

12.4 Mobility in soil: Soluble in water.

12.5 Result of PBT and vPvB assessment:

The product does not meet the criteria for PBT or vPvB.

12.6 Endocrine disrupting properties:

The product/substance has no endocrine disrupting properties.

12.7 Other adverse effects:

None known.

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SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

The coding of a waste stream is based on the application of the product by the consumer – end-user.

The product is not hazardous waste.

Dispose of in accordance with internal procedures and rules.

Contaminated packing:

According to packaging material.

SECTION 14. TRANSPORT INFORMATION

This product is not classified as dangerous to ADR transport.

| | ADR/RID | IMDG/IMO |
|---|--|--|
| 14.1 UN number or ID number | Not relevant | Not relevant |
| 14.2 UN proper shipping name | Not relevant | Not relevant |
| 14.3 Transport hazard class(es) | Not relevant | Not relevant |
| 14.4 Packing group | Not relevant | Not relevant |
| 14.5 Environmental hazards – MP EmS: | No Not relevant | No Not relevant |
| Other informations | LQ: Not relevant Tunnel: Not relevant | LQ: Not relevant Tunnel: Not relevant |

14.6 Special precautions for user:

Not relevant.

14.7 Maritime transport in bulk according to IMO instruments:

Not relevant.

SECTION 15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

Sources: Current ADR regulations 2023. Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 2013. Regulation (EU) 2016/425 of 9 March 2016 on personal protective equipment. Hazardous Waste (England and Wales) Regulations 2005 (as amended). EC regulation 1907/2006 (REACH) Directive 2000/532/EC. Seveso directive: 96/82/EC. EC regulation No 2020/878. CLP regulation No 1272/2008. REACH regulation 1907/2006. GB CLP.

Additional information:

For professional use only.

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15.2 Chemical safety assessment:

A Chemical safety assessment has not been carried out.

SECTION 16. OTHER INFORMATION

Full text of H-phrases as mentioned in section 3:

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Additional information:

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

Descriptions of possible used abbreviations:

BCF Bioconcentration factor.

BOD Biochemical Oxygen Demand.

CAS Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances).

COD Chemical oxygen demand.

DNEL Derived No-Effect Level.

EC50 Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval.

IMDG International Maritime Dangerous Goods Code.

LC50 Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval.

LD50 Lethal Dose 50 %: the LD50 corresponds to the dose of a tested substance causing 50 % lethality during a specified time interval.

log KOW n-Octanol/water.

MARPOL International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant").

PBT Persistent, Bioaccumulative and Toxic.

PNEC Predicted No-Effect Concentration.

UN RTDG UN Recommendations on the Transport of Dangerous Good.

vPvB Very Persistent and very Bioaccumulative.

Validated by:

SRS

www.msds-eu.com