

EU Safety Data Sheet



According to Regulation (EU) No. 1907/2006 (REACH) and Regulation (EU) No. 453/2010
Date of issue/revision: June 01, 2015

1. Identification of the substance/preparation and of the company/undertaking

1.1 Identification of the substance or preparation

Magnesium Standard

The reagent is part of the following catalogue numbers:

D95338B

D95339

D95339V

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

General use: Reagent for in-vitro diagnostics in human samples
For professional use only

1.3 Details of the supplier of the safety data sheet

Company name: Dialab Produktion und Vertrieb von chemisch – technischen
Produkten und Laborinstrumenten Ges.m.b.H
Street: Hondastraße, Objekt M55, IZ-NÖ Süd
Postal code, city, state: A-2351 Wr. Neudorf, Österreich
World Wide Web: www.dialab.at
E-mail: office@dialab.at
Telephone: +43 (0)2236 660910-0
Telefax: +43 (0)2236 660910-30
Dept. Responsible for information: +43 (0)2236 660910-0

1.4. Emergency telephone number

Vienna General Hospital, Toxication Centre, phone: +43-(0)1-4064343

2. Hazards identification

2.1 Classification of the substance or mixture:

Classification according to EC regulation 1272/2008 (CLP):
This mixture is classified as not hazardous.

2.2 Label elements:

Labelling (CLP):
Hazard statements: not applicable.
Safety precautions: not applicable.

2.3 Other hazards:

No risks worthy of mention.

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3. Composition / information on ingredients

3.1 Substances not applicable

3.2 Mixtures

Chemical characterization (preparation): aqueous solution

Additional information:

Preparation does not contain dangerous substances above limits that need to be mentioned in this section according to applicable EU-legislation.

Contains sodium azide (0.95 g/L) as preservative.

4. First aid measures

4.1 Description of first aid measures

In case of inhalation: Provide fresh air. If you feel unwell, seek medical advice.

Following skin contact: Change contaminated clothing. Remove residues with water. In case of skin reactions, consult a physician.

After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart.

Subsequently consult an ophthalmologist.

After swallowing: Rinse mouth thoroughly with water. Induce vomiting. Have victim drink large quantities of water, with active charcoal if possible. Seek medical attention.

Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Product is non-combustible. Extinguishing materials should therefore be selected according surroundings.

5.2 Special hazards arising from the substance or mixture

Fires in the immediate vicinity may cause the development of dangerous vapours.

5.3 Advice for firefighters

Special protective equipment for firefighters:

In case of surrounding fires: wear self-contained breathing apparatus.

Additional information:

Hazchem-code: -

Do not allow fire water to penetrate into surface or ground water.

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6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid contact with eyes. Provide adequate ventilation. Wear protective equipment.

6.2 Environmental precautions:

Do not allow to penetrate into soil, waterbodies or drains.

6.3 Methods and material for containment and cleaning up

Soak up with absorbent materials such as sand, siliceous earth, acid- or universal binder. Store in special closed containers and dispose of according to ordinance. Wash spill area with plenty of water.

6.4 Reference to other sections

Refer additionally to chapter 8 and 13.

7. Handling and storage

7.1 Precautions for safe handling:

Advices on safe handling:

Avoid contact with skin and eyes.

Keep all containers, equipment and working place clean.

Wear protective equipment

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Keep containers tightly closed and at a temperature between +2 °C and +25 °C. Protect from light. Keep sterile.

Storage class:

12 = Non-combustible liquids.

7.3 Specific end use(s)

No information available.

8. Exposure controls/personal protection

8.1 Control parameters

Additional information:

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Provide good ventilation and local exhaust as needed.

Personal protection equipment

Occupational exposure controls

Respiratory protection: Provide adequate ventilation.

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<u>Hand protection:</u>	Protective gloves according to EN 374. Glove material: Nitrile rubber – Breakthrough time: > 480 min. Observe glove manufacturer's instructions concerning penetrability and breakthrough time.
<u>Eye protection:</u>	Tightly sealed goggles according to EN 166.
<u>Body protection:</u>	Lab coat.
<u>General protection and hygiene measures:</u>	Change contaminated clothing. Wash hands before breaks and after work.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties:

<u>Appearance:</u>	Form: liquid Colour: colourless, clear
<u>Odour:</u>	odourless
<u>Odour threshold:</u>	no data available
<u>pH value:</u>	at 25 °C: 7.5
<u>Melting point/freezing point:</u>	no data available
<u>Initial boiling point and boiling range:</u>	no data available
<u>Flash point/flash point range:</u>	not combustible.
<u>Evaporation rate:</u>	no data available
<u>Flammability:</u>	no data available
<u>Explosion limits:</u>	no data available
<u>Vapour pressure:</u>	no data available
<u>Vapour density:</u>	no data available
<u>Density:</u>	at 20 °C: 1.000 g/mL
<u>Water solubility:</u>	completely miscible
<u>Partition coefficient n-octanol/water:</u>	no data available
<u>Thermal decomposition:</u>	no data available
<u>Viscosity, dynamic:</u>	no data available
<u>Explosive properties:</u>	no data available
<u>Oxidizing characteristics:</u>	no data available

9.2 Other information

No data available

10. Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions when handled and stored according to provisions.

10.4 Conditions to avoid

Protect against heat/sun rays.

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10.5 Incompatible materials

Strong acids and alkalis

10.6 Hazardous decomposition products

Fires in the immediate vicinity may cause the development of dangerous vapours..

Thermal decomposition: No data available

11. Toxicological information

11.1 Information on toxicological effects

Toxicological effects: Acute toxicity (oral): Lack of data
Acute toxicity (dermal): Lack of data.
Acute toxicity (inhalative): Lack of data.
Skin corrosion/irritation: Lack of data
Eye damage/irritation: Lack of data.
Sensitisation to the respiratory tract: Lack of data.
Skin sensitisation: Lack of data.
Germ cell mutagenicity/Genotoxicity: Lack of data.
Carcinogenicity: Lack of data.
Reproductive toxicity: Lack of data
Effects on or via lactation: Lack of data
Specific target organ toxicity (single exposure): Lack of data.
Specific target organ toxicity (repeated exposure): Lack of data.
Aspiration hazard: Lack of data.

Other information: Contains sodium azide (0.95 g/L):
After resorption of toxic quantities: headache, dizziness, nausea, cough, vomiting, spasms, breathing paralysis, CNS disorders, low blood pressure, cardiovascular failure, unconsciousness, collapse.

12. Ecological information

12.1 Toxicity

Further details: No data available

12.2 Persistence and degradability

Further details: No data available

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water: No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

General information: Do not allow to enter into ground-water, surface water or drains.

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13. Disposal considerations

13.1 Waste treatment methods

Product:

Waste key number:

06 05 06 = Laboratory chemicals consisting of or containing dangerous substances including mixtures of laboratory chemicals.

Recommendation:

Special waste. Dispose of waste according to applicable legislation.

Contaminated packaging:

Waste key number:

15 01 02 = Plastic packaging; 15 01 07 = Glass packaging.

Recommendation:

Dispose of waste according to applicable legislation. Non-contaminated containers may be recycled.

14. Transport information

14.1 UN number

ADR/RID, IMDG, IATA-DGR:

not applicable

14.2 UN proper shipping name

ADR/RID, IMDG, IATA-DGR:

not restricted

14.3 Transport hazard class(es)

ADR/RID, IMDG, IATA-DGR:

not applicable

14.4 Packing group

ADR/RID, IMDG, IATA-DGR:

not applicable

14.5 Environmental hazards

Marine Pollutant:

No

14.6 Special precautions for user

No dangerous good in sense of these transport regulations.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available

15. Regulatory information

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

National regulations – Great Britain

Hazchem-Code: -

15.2 Chemical Safety Assessment

For this substance a chemical safety assessment is not required.

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16. Other information

Further remarks

Reason of change: General revision according to Regulation (EC) No. 1907/2006 and Regulation (EU) No. 453/2010

Group that issues data sheet

Contact person: see section 1, department responsible for information.

For abbreviations and acronyms, see; ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

The information in this data sheet has been established to our best knowledge and was up-to-date of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.

Version: 2
Revision date: June 01, 2015