



Safety Data Sheet

according to UK REACH Regulation

097761030_776436_5385599_Destilliertes_Wasser

Revision date: 08.02.2024

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

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Substance name: Water
CAS No: 7732-18-5
EC No: 231-791-2

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

Use of the substance/mixture

Water, distilled

Uses advised against

Food.

1.3. Details of the supplier of the safety data sheet

Company name: tprosafe® GmbH
Street: Industriestr. 8
Place: D-36137 Großenlüder
Telephone: +49 (0) 6648 / 69-0
E-mail: gefahrstoffmanagement@langgroup.de
Internet: www.tprosafe.de
Responsible Department: Only available during office hours.
Monday - Thursday Time: 07:15 - 16:00; Friday Time: 07:15 - 14:00

Further Information

The substance does not require registration according to Regulation (EC) No 1907/2006 [REACH].
Safety information according to Regulation (EC) No. 1907/2006 (REACH), Article 32

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

This substance is not classified as hazardous in accordance with GB CLP Regulation.

2.2. Label elements

2.3. Other hazards

Results of PBT and vPvB assessment: not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances

Relevant ingredients

none (according to UK REACH Regulation)

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

No special measures are necessary.

After contact with skin

No special measures are necessary.

After contact with eyes

No special measures are necessary. When in doubt or if symptoms are observed, get medical advice.

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After ingestion

No special measures are necessary. When in doubt or if symptoms are observed, get medical advice.

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

No further relevant information available.

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

No further relevant information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

The product itself does not burn.

Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media

No information available.

5.2. Special hazards arising from the substance or mixture

No information available.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

No special measures are necessary.

6.2. Environmental precautions

No special measures are necessary.

6.3. Methods and material for containment and cleaning up

For containment

No special measures are necessary.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid contact with eyes.

Advice on protection against fire and explosion

No special measures are necessary.

Advice on general occupational hygiene

Wash hands before breaks and after work. Avoid contact with eyes.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Protect against: Frost.

Hints on joint storage

No special measures are necessary.

7.3. Specific end use(s)

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No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

To date, no national critical limit values exist.

8.2. Exposure controls

Individual protection measures, such as personal protective equipment

Eye/face protection

Eye protection: not required.

Hand protection

When used properly: No special measures are necessary.

Protective gloves are only necessary in case of frequent and long-term skin contact with the product. To avoid skin problems the wearing of protective gloves shall be kept to levels that are essential.

Suitable material: Rubber (synthetic)

Thickness of the glove material: 0,11 mm

Permeation time (maximum wear time): (>480 min.) Observe the wear time limits as specified by the manufacturer.

Respiratory protection

Usually no personal respirative protection necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	colourless
Odour:	odourless
Odour threshold:	not determined

	Test method
Melting point/freezing point:	0 °C
Boiling point or initial boiling point and boiling range:	100 °C
Flammability:	not applicable
Flash point:	not applicable
pH-Value:	5-7 DIN 38 404-C5
Viscosity / kinematic:	not determined
Water solubility:	completely miscible
Partition coefficient n-octanol/water:	not determined
Vapour pressure:	23 hPa
(at 20 °C)	
Density:	1 g/cm ³

9.2. Other information

Information with regard to physical hazard classes

Explosive properties

The product is not: Explosive.

Other safety characteristics

Evaporation rate:	not determined
Solvent content:	Solvents, organic: 0%
Viscosity / dynamic:	0,952 mPa·s

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Physical hazards / Data relevant with regard to physical hazard classes (supplemental):

Explosives: void

Flammable gases: void

Aerosols: void

Oxidizing gases: void

Gases under pressure: void

Flammable liquids: void

Flammable solids: void

Self-reactive substances and mixtures: void

Pyrophoric liquids/Pyrophoric solids: void

self-heating substances and mixtures: void

Substances or mixtures which, in contact with water, emit flammable gases: void

Oxidising liquids/Oxidising solids: void

Organic peroxides: void

Substances/Mixtures - Corrosive to metals: void

Desensitized substances/mixtures and articles containing explosives: void

SECTION 10: Stability and reactivity

10.1. Reactivity

No further relevant information available.

10.2. Chemical stability

Thermal decomposition: No decomposition if used and stored according to specifications.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

No further relevant information available.

10.5. Incompatible materials

No further relevant information available.

10.6. Hazardous decomposition products

No decomposition if used and stored according to specifications.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

Acute toxicity

Based on available data, the classification criteria are not met.

Irritation and corrosivity

Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

11.2. Information on other hazards

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Endocrine disrupting properties

The substance is not included.

SECTION 12: Ecological information

12.1. Toxicity

Based on available data, the classification criteria are not met.

Aquatic toxicity: No further relevant information available.

12.2. Persistence and degradability

No further relevant information available.

12.3. Bioaccumulative potential

Does not accumulate in organisms.

12.4. Mobility in soil

No further relevant information available.

12.5. Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of UK REACH.

12.6. Endocrine disrupting properties

This substance does not have endocrine disrupting properties with respect to non-target organisms.

12.7. Other adverse effects

No further relevant information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

Residual and waste quantities of the pure product can be disposed of via the sewage system.

Recommendation:

List of Wastes Code - residues/unused products

061399 WASTES FROM INORGANIC CHEMICAL PROCESSES; wastes from inorganic chemical processes not otherwise specified; wastes not otherwise specified

List of Wastes Code - used product

190999 WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE; wastes from the preparation of water intended for human consumption or water for industrial use; wastes not otherwise specified

Contaminated packaging

Dispose of waste according to applicable legislation. Dispose of waste according to "Kreislaufwirtschaftsgesetz (KrWG)". Non-contaminated packages may be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.

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14.4. Packing group: No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number or ID number: No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.

14.4. Packing group: No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.

14.4. Packing group: No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

14.7. Maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information****Additional information**

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment - Annex II: The substance is not included.

Regulation (EU) 2019/1148

Annex I - Restricted explosives precursors [Upper concentration value for a permit under Article 5(3)]: The substance is not included.

Annex II - Explosives precursors subject to reporting requirements: The substance is not included.

Regulation (EC) No. 273/2004 on drug precursors: The substance is not included.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors: The substance is not included.

National regulatory information

Water hazard class (D): - - non-hazardous to water

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information

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Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%
CLP: Classification, labelling and Packaging
REACH: Registration, Evaluation and Authorization of Chemicals
GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals
UN: United Nations
DNEL: Derived No Effect Level
DMEL: Derived Minimal Effect Level
PNEC: Predicted No Effect Concentration
ATE: Acute toxicity estimate
LL50: Lethal loading, 50%
EL50: Effect loading, 50%
EC50: Effective Concentration 50%
ErC50: Effective Concentration 50%, growth rate
NOEC: No Observed Effect Concentration
BCF: Bio-concentration factor
PBT: persistent, bioaccumulative, toxic
vPvB: very persistent, very bioaccumulative
RID: Regulations concerning the international carriage of dangerous goods by rail
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)
EmS: Emergency Schedules
MFAG: Medical First Aid Guide
ICAO: International Civil Aviation Organization
MARPOL: International Convention for the Prevention of Marine Pollution from Ships
IBC: Intermediate Bulk Container
SVHC: Substance of Very High Concern
For abbreviations and acronyms, see table at <http://abbrev.esdscom.eu>

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.