

SAFETY DATA SHEET
WATER, DE-IONISED

According to Regulation (EC) No 1907/2006, Annex II

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product name	WATER, DE-IONISED
Product number	1114
CAS number	7732-18-5
EC number	231-791-2

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

Identified uses	Laboratory reagent.
Uses advised against	No specific uses advised against are identified. Use only for intended applications.

1.3. Details of the supplier of the safety data sheet

Supplier	Reagent Chemical Services 11b - 13 Aston Fields Road Whitehouse Industrial Estate Runcorn Cheshire WA7 3DL T: 01928 716903 (08.30 - 17.00) F: 01928 716425 E: info@reagent.co.uk
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1.4. Emergency telephone number

Emergency telephone	OHES Environmental Ltd 24-7 Tel. 0333 333 9939 (24 hour)
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SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification (EC 1272/2008)**

Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified

2.2. Label elements

EC number	231-791-2
Hazard statements	NC Not Classified

2.3. Other hazards

As supplied, the material does not present a health hazard.

SECTION 3: Composition/information on ingredients**3.2. Mixtures**

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Composition comments The product is classified as non-hazardous and does not require a safety data sheet under current legislation.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information Not applicable

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

General information Not applicable

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

Notes for the doctor No specific recommendations.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Not applicable

5.2. Special hazards arising from the substance or mixture

Specific hazards Not applicable.

5.3. Advice for firefighters

Protective actions during firefighting Not relevant.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Not applicable

6.2. Environmental precautions

Environmental precautions Not regarded as dangerous for the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Small Spillages: Wipe up with an absorbent cloth and dispose of waste safely. Large Spillages: Use mop, squeegee or absorbent to clean the area. Take care as floors and other surfaces may become slippery. The requirements of the local water authority must be complied with if contaminated water is flushed directly to the sewer.

6.4. Reference to other sections

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions No specific requirements are anticipated under normal conditions of use.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in closed original container at temperatures between 15°C and 25°C. Store away from heat, direct sunlight and moisture.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

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8.1. Control parameters

Ingredient comments

The substance is pure water and completely non-hazardous to human health during normal use, providing it has not been contaminated with other hazardous materials.

8.2. Exposure controls

Protective equipment



Eye/face protection

Where a risk of eye contact from other hazardous materials exists, wear suitable eye protection.

Hand protection

No specific hand protection recommended. Wear suitable protective gloves to prevent contamination of the product from human contact or where contact with other hazardous materials may occur. To protect hands from chemicals, gloves should comply with European Standard EN374.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Colourless.
Odour	Odourless.
pH	pH (concentrated solution): Approx. 7
Melting point	0°C
Initial boiling point and range	100°C @ 760 mm Hg
Flash point	Not applicable.
Evaporation rate	Not determined.
Upper/lower flammability or explosive limits	Not applicable.
Vapour pressure	Not determined.
Relative density	Approx. 1.00 @ @ 20°C
Solubility(ies)	Miscible with water.
Partition coefficient	Not applicable.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	100°C
Viscosity	Not determined.
Explosive properties	Not considered to be explosive.
Oxidising properties	Does not meet the criteria for classification as oxidising.

9.2. Other information

Other information

This product is completely purified water with no other additives.

SECTION 10: Stability and reactivity

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10.1. Reactivity

Reactivity The following materials may react with the product: Strong acids. Strong alkalis.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions May generate heat.

10.4. Conditions to avoid

Conditions to avoid Avoid exposure to high temperatures or direct sunlight. Avoid freezing.

10.5. Incompatible materials

Materials to avoid Strong acids. Strong alkalis.

10.6. Hazardous decomposition products

Hazardous decomposition products No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects Not applicable.

General information No specific health hazards known.

SECTION 12: Ecological information

Ecotoxicity Not applicable

12.1. Toxicity

Toxicity Not applicable.

12.2. Persistence and degradability

Persistence and degradability Not applicable.

12.3. Bioaccumulative potential

Bioaccumulative potential Not applicable.

Partition coefficient Not applicable.

12.4. Mobility in soil

Mobility Mobile.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

12.6. Other adverse effects

Other adverse effects Not applicable.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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General information	Dispose of waste product or used containers in accordance with local regulations
Disposal methods	The requirements of the local water authority must be complied with if contaminated water is flushed directly to the sewer. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements.

SECTION 14: Transport information

General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).
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14.1. UN number

Not applicable.

14.2. UN proper shipping name

Proper shipping name (ADR/RID) Not classified

Proper shipping name (IMDG) Not classified

Proper shipping name (ICAO) Not classified

Proper shipping name (ADN) Not classified

14.3. Transport hazard class(es)

Not classified.

Transport labels

No transport warning sign required.

14.4. Packing group

Not classified.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: Regulatory information

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

National regulations Control of Substances Hazardous to Health Regulations 2002 (as amended).
EH40/2005 Workplace exposure limits.
GB Mandatory Classification and Labelling List (GB MCL)
UK REACH and UK CLP Regulations.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

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SECTION 16: Other information

General information	The product is not classified and does not require a safety data sheet. The information contained herein is only for advice to the user.
Revision date	03/11/2023
Revision	3
Supersedes date	15/02/2017
SDS number	11769