

## SAFETY DATA SHEET

### WATER, DE-IONISED (BS EN ISO 3696:1995 Grade 3)

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

##### 1.1. Product identifier

Product name	WATER, DE-IONISED (BS EN ISO 3696:1995 Grade 3)
Product number	2799
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

##### 2.2. Label elements

EC number	231-791-2
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##### 2.3. Other hazards

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

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

Composition comments	The product is classified as non-hazardous and does not require a safety data sheet under current legislation.
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#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

General information	Not applicable
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##### 4.2. Most important symptoms and effects, both acute and delayed

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**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

### 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

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### 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

#### 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.

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### 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

**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.

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### SECTION 14: Transport information

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

#### 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.

### 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

## WATER, DE-IONISED (BS EN ISO 3696:1995 Grade 3)

<b>Revision</b>	2
<b>Supersedes date</b>	20/08/2018
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