



## SAFETY DATA SHEET ZOK Demineralised Water

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

#### 1.1. Product identifier

Product name	ZOK Demineralised Water
Synonyms; trade names	Deionised Water
CAS number	7732-18-5
EC number	231-791-2

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

#### 1.3. Details of the supplier of the safety data sheet

Supplier	ZOK International Group Airworthy House Elsted Marsh Midhurst West Sussex GU29 0JT +44 (0) 333 700 2727 zok@zok.com
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#### 1.4. Emergency telephone number

Emergency telephone	OHES Environmental; 24 Hours. +44 (0) 333 333 9964
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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

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Product name	ZOK Demineralised Water
CAS number	7732-18-5
EC number	231-791-2
Chemical formula	H <sub>2</sub> O

## ZOK Demineralised Water

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

**Inhalation** No specific recommendations.

**Ingestion** No specific recommendations.

**Skin contact** No specific recommendations.

**Eye contact** No specific recommendations.

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

**Inhalation** None

**Ingestion** None

**Skin contact** None

**Eye contact** None

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

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media** The product is not flammable.

#### 5.2. Special hazards arising from the substance or mixture

#### 5.3. Advice for firefighters

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** For personal protection, see Section 8.

#### 6.2. Environmental precautions

**Environmental precautions** Not regarded as dangerous for the environment. To prevent release, place container with damaged side up.

#### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** No specific clean-up procedure recommended.

#### 6.4. Reference to other sections

### 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 tightly-closed, original container in a dry, cool and well-ventilated place. Store at temperatures above 0°C.

#### 7.3. Specific end use(s)

### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters

#### 8.2. Exposure controls

**Appropriate engineering controls** No specific ventilation requirements.

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<b>Eye/face protection</b>	No specific eye protection required during normal use.
<b>Hand protection</b>	No specific hand protection recommended.
<b>Respiratory protection</b>	Respiratory protection not required.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Liquid.
<b>Colour</b>	Colourless.
<b>Odour</b>	Odourless.
<b>pH</b>	pH (concentrated solution): 5.0-7.0
<b>Melting point</b>	0°C
<b>Initial boiling point and range</b>	100°C @ 101.325 kPa
<b>Vapour pressure</b>	17.58 mm Hg @ 20°C
<b>Relative density</b>	1.0
<b>Solubility(ies)</b>	Miscible with water.
<b>Viscosity</b>	0.001 Pa s @ 20°C
<b>Oxidising properties</b>	Does not meet the criteria for classification as oxidising.

#### 9.2. Other information

<b>Molecular weight</b>	18.02 g/mol
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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

#### 10.2. Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures.
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#### 10.3. Possibility of hazardous reactions

#### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Avoid exposure to high temperatures or direct sunlight. Avoid freezing.
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#### 10.5. Incompatible materials

<b>Materials to avoid</b>	Strong oxidising agents. Strong acids.
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#### 10.6. Hazardous decomposition products

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

<b>Toxicological effects</b>	None
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### SECTION 12: Ecological information

<b>Ecotoxicity</b>	Not regarded as dangerous for the environment.
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#### 12.1. Toxicity

#### 12.2. Persistence and degradability

<b>Persistence and degradability</b>	Not applicable.
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### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Not applicable.

### 12.4. Mobility in soil

### 12.5. Results of PBT and vPvB assessment

### 12.6. Other adverse effects

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Dispose of waste product or used containers in accordance with local regulations

## 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

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

### 14.6. Special precautions for user

Not applicable.

### 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

### 15.2. Chemical safety assessment

## SECTION 16: Other information

<b>Issued by</b>	Craig Appleby - Chemist
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<b>SDS number</b>	4533
<b>SDS status</b>	Approved.

## ZOK Demineralised Water

**Signature**

Craig Appleby

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.