

*SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006, as amended*

**DEMINERALISED WATER**

Version 2.1

Print Date 01.11.2025

Revision date / valid from 31.10.2025

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

**1.1. Product identifier**

Trade name : DEMINERALISED WATER  
Substance name : Water  
CAS-No. : 7732-18-5  
EC-No. : 231-791-2  
REACH Status : Substance is exempted from registration obligations according to Article 2 (7) (a) (Annex IV, see CAS No) of the Regulation (EC) No 1907/2006

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

Use of the Substance/Mixture : At this time we do not yet have information on identified uses. They will be included in this safety data sheet when available.  
Uses advised against : At this moment we have not identified any uses advised against

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

Company : Brenntag N.V.  
Nijverheidslaan 38  
BE 8540 Deerlijk  
Telephone : +32 (0)56 77 6944  
Telefax : +32 (0)56 77 5711  
E-mail address : info@brenntag.be  
Responsible/issuing person : Master Data Administration

Company : Brenntag Nederland B.V.  
Donker Duyvisweg 44  
NL 3316 BM Dordrecht  
Telephone : +31 (0)78 65 44 944  
Telefax : +31 (0)78 65 44 919  
E-mail address : info@brenntag.nl  
Responsible/issuing person : Master Data Administration

**1.4. Emergency telephone number**

Emergency telephone number : Belgium: Antipoison Center - Brussels TEL: +32(0)70 245 245  
Netherlands: National Poisoning Information Center - Bilthoven

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TEL: +31(0) 88 755 8000 (Only for the purpose of informing medical personnel in cases of acute intoxications)

### **SECTION 2: Hazards identification**

#### **2.1. Classification of the substance or mixture**

##### **Classification according to Regulation (EC) No 1272/2008**

The product is not classified as dangerous according to Regulation (EC) No. 1272/2008.

##### **Most important adverse effects**

Human Health : See section 11 for toxicological information.

Physical and chemical hazards : See section 9/10 for physicochemical information.

Potential environmental effects : See section 12 for environmental information.

#### **2.2. Label elements**

##### **Labelling according to Regulation (EC) No 1272/2008**

The product is not labeled as dangerous according to Regulation (EC) No. 1272/2008.

#### **2.3. Other hazards**

Not persistent, bioaccumulative, and toxic (PBT). Not very persistent and very bioaccumulative (vPvB).

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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

#### **3.1. Substances**

Remarks : No dangerous ingredients according to Regulation (EC) No. 1907/2006

**DEMINERALISED WATER****Non-hazardous component**

Chemical name	Identification Number	Amount [%]
Water	CAS-No. : 7732-18-5 EC-No. : 231-791-2	100

**SECTION 4: First aid measures****4.1. Description of first aid measures**

General advice	: No special precautions required.
If inhaled	: No special precautions required.
In case of skin contact	: No special precautions required.
In case of eye contact	: No special precautions required.
If swallowed	: After swallowing of large quantities induce vomiting.

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

Symptoms	: See Section 11 for more detailed information on health effects and symptoms.;
Effects	: The intake of larger amounts of the product is dangerous since cell damage may occur due to osmotic effects. See Section 11 for more detailed information on health effects and symptoms.

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

Treatment	: Treat symptomatically.
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**SECTION 5: Firefighting measures****5.1. Extinguishing media**

Suitable extinguishing media	: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. The product itself does not burn.
Unsuitable extinguishing media	: None known.

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

Specific hazards during firefighting	: None known.
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### **5.3. Advice for firefighters**

- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus. Choose protective equipment according to size of fire.
- Further advice : No special precautions required.

## **SECTION 6: Accidental release measures**

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

- Personal precautions : No special precautions required.

### **6.2. Environmental precautions**

- Environmental precautions : No special environmental precautions required.

### **6.3. Methods and materials for containment and cleaning up**

- Methods and materials for containment and cleaning up : Wipe up with absorbent material (e.g. cloth, fleece). Retain and dispose of contaminated wash water.
- Further information : No conditions to be specially mentioned.

### **6.4. Reference to other sections**

- See Section 1 for emergency contact information.  
See Section 8 for information on personal protective equipment.  
See Section 13 for waste treatment information.

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

- Advice on safe handling : No special precautions required.
- Hygiene measures : Keep away from food, drink and animal feedingstuffs. Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of workday. Take off all contaminated clothing immediately.

### **7.2. Conditions for safe storage, including any incompatibilities**

- Requirements for storage areas and containers : Store in original container.
- Advice on protection against fire and explosion : Normal measures for preventive fire protection. The product is not flammable.
- Further information on storage conditions : Keep container tightly closed.

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Advice on common storage : No special restrictions on storage with other products.

### 7.3. Specific end use(s)

Specific use(s) : See section 1.2

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Other Occupational Exposure Limit Values

(Additional) Information : Contains no substances with occupational exposure limit values.  
Contains no substances with occupational exposure limit values.

### 8.2. Exposure controls

#### Appropriate engineering controls

Refer to protective measures listed in sections 7 and 8.

#### Personal protective equipment

##### *Respiratory protection*

Advice : not required

##### *Hand protection*

Advice : During work conditions which include permanent contact of the hands with water (wet work) protective gloves are necessary.  
Protective gloves complying with EN 374.  
Protective gloves should be replaced at first signs of wear.

##### *Eye protection*

Advice : Safety goggles

##### *Skin and body protection*

Protecting Clothes : Protective work clothing

#### Environmental exposure controls

General advice : No special environmental precautions required.

**DEMINERALISED WATER****SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

Form	: liquid
Physical state	: liquid
Colour	: colourless, clear
Odour	: odourless
Odour Threshold	: Not applicable
Melting point/ range	: 0,0 °C
Boiling point/boiling range	: 100 °C
Flammability (solid, gas)	: Not applicable
Upper explosion limit / Upper flammability limit	: Not applicable
Lower explosion limit / Lower flammability limit	: Not applicable
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Self-Accelerating decomposition temperature (SADT)	: No data available
pH	: 7,00 (20 °C)
Viscosity	
Viscosity, dynamic	: No data available
Viscosity, kinematic	: No data available
Flow time	: No data available
Solubility(ies)	
Water solubility	: Not applicable
Solubility in other solvents	: No data available
Dissolution Rate	: No data available
Partition coefficient: n-octanol/water	: Not applicable

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Dispersion Stability	: No data available
Vapour pressure	: 6,1 hPa (0 °C)
	12 hPa (10 °C)
	23 hPa (20 °C)
	123 hPa (50 °C)
Relative density	: No data available
Density	: 1,000 g/cm <sup>3</sup> (3,98 °C)
	0,9971 g/cm <sup>3</sup> (25 °C)
Bulk density	: No data available
Relative vapour density	: No data available
Particle characteristics	
Particle size	: Not applicable

### 9.2 Other information

Explosives	: Product is not explosive.
Oxidizing properties	: not oxidising
Flammability (liquids)	: Not applicable
Molecular weight	: 18,02 g/mol

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Advice	: No decomposition if stored and applied as directed.
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### 10.2. Chemical stability

Advice	: Stable under recommended storage conditions.
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### 10.3. Possibility of hazardous reactions

Hazardous reactions	: No information available.
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### 10.4. Conditions to avoid

Conditions to avoid	: None known.
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### 10.5. Incompatible materials

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Materials to avoid : Alkali metals, Alkaline earth metals, Substances and mixtures which may react violently with water

### 10.6. Hazardous decomposition products

Hazardous decomposition products : No information available.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Component:	Water	CAS-No. 7732-18-5
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#### Acute toxicity

##### Oral

LD50 : > 89800 mg/kg (Rat)

##### Inhalation

No data available

##### Dermal

No data available

##### Other routes

LD50 : 25000 mg/kg (intravenous;Mouse)  
LD50 : 190000 mg/kg (intraperitoneal;Mouse)

#### Irritation

##### Skin

Result : No skin irritation

##### Eyes

Result : No eye irritation

#### Sensitisation

Result : not sensitizing

#### CMR effects



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### CMR Properties

Carcinogenicity	:	Not classified
Mutagenicity	:	Not classified
Teratogenicity	:	Not classified
Reproductive toxicity	:	Not classified

### Specific Target Organ Toxicity

#### Single exposure

Remarks	:	The substance or mixture is not classified as specific target organ toxicant, single exposure.
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#### Repeated exposure

Remarks	:	The substance or mixture is not classified as specific target organ toxicant, repeated exposure.
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### Other toxic properties

#### Aspiration hazard

Not applicable,

## 11.2. Information on other hazards

### Data for the product

#### Endocrine disrupting properties

Assessment Endocrine Disrupting Properties	:	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
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## SECTION 12: Ecological information

### 12.1. Toxicity

Component:	Water	CAS-No. 7732-18-5
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#### Acute toxicity

#### Fish

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: No data available

### Toxicity to daphnia and other aquatic invertebrates

: No data available

### algae

: No data available

### Short-term (acute) aquatic hazard

Result : The product is not classified as dangerous for the environment.  
Study scientifically unjustified.

### Chronic toxicity

## 12.2. Persistence and degradability

Component:	Water	CAS-No. 7732-18-5
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### Persistence and degradability

#### Persistence

Result : No data available

#### Biodegradability

Result : Not applicable

## 12.3. Bioaccumulative potential

Component:	Water	CAS-No. 7732-18-5
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### Bioaccumulation

Result : Not applicable

## 12.4. Mobility in soil

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<b>Component:</b>	<b>Water</b>	<b>CAS-No. 7732-18-5</b>
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### Mobility

Result : The product will be dispersed amongst the various environmental compartments (soil/ water/ air).

### 12.5. Results of PBT and vPvB assessment

#### Data for the product

#### Results of PBT and vPvB assessment

Result : Not persistent, bioaccumulative, and toxic (PBT)., Not very persistent and very bioaccumulative (vPvB).

### 12.6. Endocrine disrupting properties

#### Data for the product

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Endocrine Disrupting Properties

### 12.7. Other adverse effects

#### Data for the product

#### Additional ecological information

Result : Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product : Can be disposed as waste water, when in compliance with local regulations.

Contaminated packaging : Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning. If recycling is not practicable, dispose of in compliance with local regulations.

European Waste Catalogue Number : No waste code according to the European Waste Catalogue can be assigned for this product, as the intended use dictates the assignment. The waste code is established in consultation with the regional waste disposer.

## SECTION 14: Transport information

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Not dangerous goods for ADR, RID, IMDG and IATA.

### 14.1. UN number or ID number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

Not applicable.

### 14.4. Packaging group

Not applicable.

### 14.5. Environmental hazards

Not applicable.

### 14.6. Special precautions for user

Not applicable.

### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

## SECTION 15: Regulatory information

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

<b>Component:</b>	<b>Water</b>	<b>CAS-No. 7732-18-5</b>
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EU. Chemicals Subject to Export Notification: Annex 1, Part 1, Regulation 649/2012/EU on export and import of dangerous chemicals, as amended : ; The substance/mixture does not fall under this legislation.

EU. REACH, Annex XVII, Restrictions on manufacture, placing on : ; The substance/mixture does not fall under this legislation.

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the market and use of  
certain dangerous  
substances,  
1907/2006/EC, as  
amended

EU. Directive : ; The substance/mixture does not fall under this legislation.  
2012/18/EU on major  
accident hazards  
involving dangerous  
substances, Annex I, as  
amended

### Notification status

#### Water:

Regulatory List	Notification	Notification number
EINECS	YES	231-791-2
DSL	YES	
KECI (KR)	YES	KE-35400
PHARM (JP)	YES	
ENCS (JP)	YES	JP
NZIOC	YES	
IECSC	YES	
INSQ	YES	
ONT INV	YES	
TCSI	YES	
PICCS (PH)	YES	
TSCA	YES	
VN INV	YES	
TH INV	YES	55-1-06024
TH INV	YES	2853.00
AU AIICL	YES	

### 15.2. Chemical safety assessment

No data available

## SECTION 16: Other information

### Abbreviations and Acronyms

<b>AU AIICL</b>	Australia. Industrial Chemicals Act (AIIC) List
<b>BCF</b>	bioconcentration factor
<b>BOD</b>	biochemical oxygen demand
<b>CAS</b>	Chemical Abstracts Service
<b>CLP</b>	Classification, Labelling and Packaging

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<b>CMR</b>	carcinogenic, mutagenic or toxic to reproduction
<b>COD</b>	chemical oxygen demand
<b>DNEL</b>	derived no-effect level
<b>DSL</b>	Canada. Environmental Protection Act, Domestic Substances List
<b>EINECS</b>	European Inventory of Existing Commercial Chemical Substances
<b>ELINCS</b>	European List of Notified Chemical Substances
<b>ENCS (JP)</b>	Japan. Kashin-Hou Law List
<b>GHS</b>	Globally Harmonized System of Classification and Labelling of Chemicals
<b>IECSC</b>	China. Inventory of Existing Chemical Substances
<b>INSQ</b>	Mexico. National Inventory of Chemical Substances
<b>ISHL (JP)</b>	Japan. Inventory of Industrial Safety & Health
<b>KECI (KR)</b>	Korea. Existing Chemicals Inventory
<b>LC50</b>	median lethal concentration
<b>LOAEC</b>	lowest observed adverse effect concentration
<b>LOAEL</b>	lowest observed adverse effect level
<b>LOEL</b>	lowest observed effect level
<b>NDSL</b>	Canada. Environmental Protection Act. Non-Domestic Substances List
<b>NLP</b>	no-longer polymer
<b>NOAEC</b>	no observed adverse effect concentration
<b>NOAEL</b>	no observed adverse effect level
<b>NOEC</b>	no observed effect concentration
<b>NOEL</b>	no observed effect level
<b>NZIOC</b>	New Zealand. Inventory of Chemicals
<b>OECD</b>	Organisation for Economic Cooperation and Development
<b>OEL</b>	occupational exposure limit
<b>ONT INV</b>	Canada. Ontario Inventory List
<b>PBT</b>	persistent, bioaccumulative and toxic
<b>PHARM (JP)</b>	Japan. Pharmacopoeia Listing
<b>PICCS (PH)</b>	Philippines. Inventory of Chemicals and Chemical Substances
<b>PNEC</b>	predicted no-effect concentration
<b>REACH Auth. No.:</b>	REACH Authorisation Number
<b>REACH AuthAppC. No.</b>	REACH Authorisation Application Consultation Number
<b>UK REACH Auth. No.:</b>	UK REACH Authorisation Number
<b>UK REACH AuthAppC. No.</b>	UK REACH Authorisation Application Consultation Number
<b>UK REACH-Reg.No</b>	UK REACH Registration Number
<b>STOT</b>	specific target organ toxicity
<b>SPM</b>	Synthetic Polymer Microparticles
<b>SVHC</b>	substance of very high concern
<b>TCSI</b>	Taiwan. Existing Chemicals Inventory

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<b>TH INV</b>	Thailand. Existing Chemicals Inventory from FDA
<b>TSCA</b>	US. Toxic Substances Control Act
<b>UVCB</b>	substance of unknown or variable composition, complex reaction products or biological materials
<b>VN INVL</b>	Vietnam. National Chemical Inventory
<b>vPvB</b>	very persistent and very bioaccumulative

### Further information

Key literature references and sources for data	:	Supplier information and data from the "Database of registered substances" of the European Chemicals Agency (ECHA) were used to create this safety data sheet.
Methods used for product classification	:	The classification for human health, physical and chemical hazards and environmental hazards were derived from a combination of calculation methods and if available test data.
Hints for trainings	:	The workers have to be trained regularly on the safe handling of the products based on the information provided in the Safety Data Sheet and the local conditions of the workplace. National regulations for the training of workers in the handling of hazardous materials must be adhered to.
Other information	:	<p>The information provided in this Safety Data Sheet is correct to our knowledge at the date of its revision. The information given only describes the products with regard to safety arrangements and is not to be considered as a warranty or quality specification and does not constitute a legal relationship.</p> <p>The information contained in this Safety Data Sheet relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.</p>

|| Indicates updated section.

DISTRIBUTOR COMPANY INFORMATION			
name	BRENNTAG N.V.	BRENNTAG NEDERLAND B.V.	BRENNTAG SOUTH AFRICA (PTY) LTD
Address	Nijverheidslaan 38 8540 Deerlijk	Donker Duyvisweg 44 3316 BM Dordrecht	247 15 <sup>th</sup> Road, Randjespark, Midrand, 1685
Country	Belgium	The Netherlands	South Africa
Phone number	+32 (0)56 77 69 44	+31 (0)78 65 44 944	+27 (0)10 0209100
Website	<a href="http://www.brenntag.com">www.brenntag.com</a>	<a href="http://www.brenntag.com">www.brenntag.com</a>	<a href="http://www.brenntag.com">www.brenntag.com</a>
E-mail	<a href="mailto:Info.BE@brenntag.com">Info.BE@brenntag.com</a>	<a href="mailto:Info.NL@brenntag.com">Info.NL@brenntag.com</a>	<a href="mailto:Info.ZA@brenntag.com">Info.ZA@brenntag.com</a>
Activities	Distribution and export of chemicals and ingredients		
VAT number	BE0405317567	NL001375945B01	4520105356
Emergency number (24/365)	+32 (0)56 77 69 44	+31 (0)78 65 44 944	+27 (0)10 0209100
Management systems: certifications	ISO9001, ISO22000, FSSC22000, GMP+Feed, ESAD, RSPO, Rainforest Alliance	ISO 9001, ISO 14001, ISO 22000, ISO22716, FSSC 22000, ISO45001, GMP+ Feed, ESAD, AEO, SKAL, RSPO, Rainforest Alliance	ISO9001, ISO45001, ISO14001, FSSC22000, Certificate of acceptability for Food Premises R638, Ecovadis Stustainability Rating (Platinum), SABS 1827, SABS 1853, B-BBEE, Rainforest Alliance, Sedex

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