



# SAFETY DATA SHEET

NC01685  
DI WATER (DEIONIZED WATER)

Preparation Date: 07/Mar/2019

Version: 1

## 1. IDENTIFICATION

### Product identifier

**Product Name** DI WATER (DEIONIZED WATER)

### Other means of identification

**SDS Number** NC01685

**Synonyms** Hydrogen oxide; Dihydrogen oxide; Distilled water

### Recommended use of the chemical and restrictions on use

**Recommended Use** For industrial use.

**Restricted Uses** No information available

### Initial Supplier Identifier

Univar Canada Ltd.  
9800 Van Horne Way  
Richmond, BC V6X 1W5  
Telephone: 1-866-686-4827

### Emergency telephone number

**24 Hour Emergency Phone Number (CANUTEC): 1-888-226-8832 (1-888-CAN-UTEC)**

## 2. HAZARD IDENTIFICATION

### Hazardous Classification of the substance or mixture

none

### Label elements

**Hazard pictograms** None

**Hazard statements**

The mixture does not meet the criteria for classification.

**Prevention**

Wash hands thoroughly after handling

Wear protective gloves/protective clothing/eye protection/face protection

In case of inadequate ventilation wear respiratory protection

**Response**

Read the label and safety data sheet before use.

Flush eyes with plenty amounts of water.

If eye irritation persists: Get medical advice/attention

IF ON SKIN: Wash skin with plenty of water.

If skin irritation occurs: Get medical advice/attention

Move person to fresh air.

Do NOT induce vomiting. Never give anything by mouth to an unconscious or convulsing person. Seek immediate medical attention. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs.

**Storage**

Store in accordance with good industrial practices.

**Disposal**

Disposal of all wastes must be done in accordance with municipal, provincial and federal regulations

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance**

Chemical Name	CAS No	Weight-%	Synonyms
Water	7732-18-5	80 - 100%	Water

**Notes:**

The actual percentage concentration has been withheld as a trade secret.

### 4. FIRST AID MEASURES

**Description of first aid measures****Inhalation**

Remove to fresh air.

**Eye contact**

Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

**Skin contact**

Wash skin with soap and water.

**Ingestion**

Clean mouth with water and drink afterwards plenty of water.

**Most important symptoms and effects, both acute and delayed:**

No information available

**Indication of any immediate medical attention and special treatment needed:**

**Note to physicians**

None known.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Use extinguishing media appropriate for surrounding fire.

**Specific hazards arising from the substance or mixture**

None expected.

**Hazardous combustion products**

See section 10 for more information.

**Special protective equipment and precautions for fire-fighters**

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation.

**Environmental precautions**

See Section 12 for additional Ecological Information.

**Methods and materials for containment and cleaning up**

Prevent further leakage or spillage if safe to do so.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

Keep the containers closed when not in use. Protect from freezing. Water is considered a non-regulated product, but may react vigorously with some specific materials. Avoid contact with all materials until investigation shows substance is compatible.

**Conditions for safe storage, including any incompatibilities**

Store in accordance with good industrial practices.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

**Exposure Limits**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Chemical Name	Alberta OEL	British Columbia OEL	Ontario	Quebec OEL	Exposure Limit - ACGIH	Immediately Dangerous to Life or Health - IDLH
Water 7732-18-5	Not available	Not available	Not available	Not available	Not available	Not available

Consult local authorities for recommended exposure limits

**Appropriate engineering controls****Engineering controls**

No special provisions are required.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

Safety glasses.

**Hand protection**

No special protection needed.

**Skin and body protection**

No special protective clothing is required.

**Respiratory protection**

None known.

**General hygiene considerations**

Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties****Appearance**

<b>Physical state</b>	Liquid
<b>Color</b>	Clear, colorless
<b>Odor</b>	Odorless
<b>Odor threshold</b>	No information available

**PROPERTIES**

<b>PROPERTIES</b>	<b>Values</b>	<b>Remarks • Method</b>
<b>pH</b>	7.0	
<b>Melting point / freezing point</b>	0 °C / 32 °F	
<b>Initial boiling point/boiling range</b>	100 °C / 212 °F	
<b>Flash point</b>	No data available	None known
<b>Evaporation rate</b>	<1	
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability Limit in Air</b>		
<b>Upper flammability limit:</b>	No data available	
<b>Lower flammability limit:</b>	No data available	
<b>Vapor pressure</b>	17.5 mm Hg @ 20°C	
<b>Relative vapor density</b>	0.62	
<b>Specific Gravity</b>	1.0	
<b>Water solubility</b>	Completely soluble	
<b>Solubility in other solvents</b>	No data available	

<b>Partition coefficient</b>	No data available	
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>	No data available	None known
<b>Kinematic viscosity</b>	No data available	None known
<b>Dynamic viscosity</b>	No data available	None known
<b>Explosive properties</b>	No information available.	
<b>Oxidizing properties</b>	No information available.	
<b>Molecular weight</b>	18.02	
<b>VOC Percentage Volatility</b>	No information available	
<b>Liquid Density</b>	No information available	
<b>Bulk density</b>	No information available	

## 10. STABILITY AND REACTIVITY

### Reactivity/Chemical Stability

Stable under normal conditions

### Possibility of hazardous reactions

No additional remark.

### Conditions to avoid

None known based on information supplied.

### Incompatible materials

Strong reducing agents. Acid chlorides. Should not be combined with phosphorus materials.

### Hazardous decomposition products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Inhalation

Specific test data for the substance or mixture is not available.

#### Eye contact

Specific test data for the substance or mixture is not available.

#### Skin contact

Specific test data for the substance or mixture is not available.

#### Ingestion

Specific test data for the substance or mixture is not available.

### Information on toxicological effects

#### Symptoms

No additional information available.

### Numerical measures of toxicity

#### Acute toxicity

**Unknown acute toxicity** No information available

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg ( Rat )	Not available	Not available

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation**

No information available.

**Serious eye damage/eye irritation**

No information available.

**Respiratory or skin sensitization**

No information available.

**Germ cell mutagenicity**

No information available.

**Carcinogenicity**

No information available.

Chemical Name	ACGIH	IARC	NTP	OSHA
Water 7732-18-5	Not available	Not available	Not available	Not available

**Reproductive toxicity**

No information available.

**Specific target organ systemic toxicity - single exposure**

No information available.

**Specific target organ systemic toxicity - repeated exposure**

No information available.

**Aspiration hazard**

No information available.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

The environmental impact of this product has not been fully investigated.

Chemical Name	Ecotoxicity - Freshwater Algae Data	Ecotoxicity - Fish Species Data	Toxicity to microorganisms	Crustacea
Water 7732-18-5	Not available	Not available	Not available	Not available

**Persistence and degradability** No information available.

**Bioaccumulation** No information available.

Chemical Name	Partition coefficient
Water 7732-18-5	Not available

**Other adverse effects** No information available.

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

Recover or recycle if possible. If material becomes contaminated during use, dispose of accordingly.

Do not reuse empty containers.

**14. TRANSPORT INFORMATION**

**TDG (Canada):**

<b>UN Number</b>	Not applicable
<b>Shipping name</b>	Not regulated
<b>Class</b>	Not applicable
<b>Packing Group</b>	Not applicable
<b>Marine pollutant</b>	Not available.

**DOT (U.S.)**

<b>UN Number</b>	Not applicable
<b>Shipping name</b>	Not regulated
<b>Class</b>	Not applicable
<b>Packing Group</b>	Not applicable
<b>Marine pollutant</b>	Not available

**15. REGULATORY INFORMATION**

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

**U.S. Regulatory Rules**

Chemical Name	CERCLA/SARA - Section 302:	SARA (311, 312) Hazard Class:	CERCLA/SARA - Section 313:
Water - 7732-18-5	Not Listed	Not Listed	Not Listed

**International Inventories**

**TSCA** All components of this product are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt.

**DSL/NDSL** All components of this product are either on the Domestic Substances List (DSL), the Non-Domestic Substances List (NDSL) or exempt.

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**16. OTHER INFORMATION**

<b>NFPA:</b>	<b>Health hazards</b> 0	<b>Flammability</b> 0	<b>Instability</b> 0	<b>Physical and chemical properties - Personal protection</b> X
<b>HMIS:</b>	<b>Health hazards</b> 0	<b>Flammability</b> 0	<b>Physical hazards</b> 0	

**Legend** Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

**Prepared By:** The Environment, Health and Safety Department of Univar Canada Ltd.

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**Revision Date:** 07/Mar/2019

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**End of Safety Data Sheet**