



HEALTH	0
FIRE	0
REACTIVITY	0
PERSONAL PROTECTION	0

## SAFETY DATA SHEET: DEIONIZED WATER (DI WATER)

### Section 1: Chemical Product and Company Identification

**Product Name:** Water  
**CAS#:** 7732-18-5  
**TECS:** TT2975000  
**TSCA:** TSCA 8(b) inventory: Deionized Water  
**CI#:** Not applicable.

**Chemical Name:** Not applicable.  
**Formula:** H<sub>2</sub>O  
**Use of the substance:** Mixture  
Laboratory and manufacturing use only.  
**For non-emergency assistance,** call: 954-316-8792

### Section 2: Hazards Identification

**Classification of the substance or mixture**  
**GHS-US classification:** Not classified  
**GHS-US labelling:** No labelling applicable

**Other hazards:** not contributing to the classification.  
**Unknown acute toxicity (GHS-US)**  
No data available

### Section 3: Composition and Information on Ingredients

Composition:		
Name	CAS#	% by Weight
Water (Deionized Water)	7732-18-5	100
Toxicological Data on Ingredients:---		

### Section 4: First Aid Measures

**First-aid measures general:** If you feel unwell, seek medical advice (show the label where possible).

**First-aid measures after inhalation:** Assure fresh air breathing. Allow the victim to rest. Adverse effects not expected from this product.

**First-aid measures after skin contact:** Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Adverse effects not expected from this product.

**First-aid measures after eye contact:** Rinse immediately with plenty of water. Adverse effects not expected from

this product.

**First-aid measures after ingestion:** Do NOT induce vomiting. Obtain emergency medical attention. Adverse effects not expected from this product.

**Most important symptoms and effects, both acute and delayed: Symptoms/injuries:** Not expected to present a significant hazard under anticipated conditions of normal use.

**Indication of any immediate medical attention and special treatment needed:** No additional information available

### Section 5: Fire and Explosion Data

**Extinguishing media:**

Suitable extinguishing media: : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

**Special hazards arising from the substance or mixture:**

No additional information available.

**Advice for firefighters: Firefighting instructions:** Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire.

**Protection during firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection

## Section 6: Accidental Release Measures

**General Information:** Use proper personal protective equipment as indicated in Section 8.

**Spills/Leaks:** No special cleaning procedures are

necessary. Wipe up spill with a mop or other absorbent material

## Section 7: Handling and Storage

**Handling:** No special precautions are necessary.

**Storage:** No special precautions are necessary.

## Section 8: Exposure Controls/Personal Protection

**Engineering Controls:** There are no special ventilation requirements.

**Exposure Limits:**

Chemical Name	ACFIH	NIOSH	OSHA	OSHA Vacated PELs:
Water	None Listed	None Listed	None Listed	None Listed

### Personal Protective Equipment

**Eyes:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Skin:** Wear appropriate gloves to prevent skin exposure.

**Clothing:** Wear appropriate protective clothing to prevent skin exposure.

**Respirators:** Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

## Section 9: Physical and Chemical Properties

**Physical State:** Clear liquid

**Color:** Colorless

**Odor:** Odorless

**pH:** 7

**Vapor Pressure:** Not available

**Vapor Density:** 17.5 mm Hg @ 20°C

**Evaporation Rate:** Not available

**Viscosity:** 1 cP @ 20°C

**Boiling Point:** 100°C

**Freezing/Melting Point:** 0°C

**Decomposition Temperature:** Not available

**Solubility in water:** Soluble

**Specific Gravity/Density:** 1.0

**Molecular Formula:** H<sub>2</sub>O

**Molecular Weight:** 18.0134

## Section 10: Stability and Reactivity Data

**Chemical Stability:** Stable under normal temperatures and pressures.

**Conditions to Avoid:** Incompatible materials.

**Incompatibilities with Other Materials:**

Water reactive substances (e.g. sulfuric acid, sodium

metal, potassium metal, calcium carbide).

**Hazardous Decomposition Products:**

None.

**Hazardous Polymerization:**

Has not been reported.

## Section 11: Toxicological Information

**RTECS:** CAS# 7732-18-5: ZC0110000.

**LD50/LC50:** CAS# 7732-18-5:

Oral, rat: LD50 = 99,999 mg/kg.

**Carcinogenicity:** CAS# 7732-18-5: Not listed as a carcinogen by ACGIH, IARC, NIOSH, NTP, OSHA, or CA Prop 65.

**Epidemiology:** No information found  
**Teratogenicity:** No information found  
**Reproductive:** No information found

**Mutagenicity:** No information found  
**Neurotoxicity:** No information found

## Section 12: Ecological Information

No information found

## Section 13: Disposal Considerations

Dispose of in accordance with Federal, State, and local regulations.

## Section 14: Transport Information

### US DOT

**Shipping Name:** Not regulated.

**Hazard Class:** Not regulated

**UN Number:** Not regulated

**Packing Group:** Not regulated

## Section 15: Other Regulatory Information

### US Federal

**TSCA:** CAS# 7732-18-5 is listed on the TSCA inventory.

**SARA Reportable Quantities (RQ):** None of the components are on this list.

**CERCLA/SARA Section 313:** None of the components are on this list.

**OSHA - Highly Hazardous:** None of the chemicals in this product are considered highly hazardous by OSHA.

### US State

**State Right to Know:** None of the components are on this list.

**California Regulations:** None.

### European/International Regulations

**Canadian DSL/NDSL:** CAS# 7732-18-5 is listed on Canada's DSL List.

**Canada Ingredient Disclosure List:** CAS# 7732-18-5 is listed on the Canadian Ingredient Disclosure List.

## Section 16: Other Information

### NFPA Ratings:

Health: 0

Flammability: 0

Reactivity: 0

Special Notice Key: 0

### HMIS Ratings:

Health: 0

Flammability: 0

Reactivity: 0

Protective Equipment: A

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