



## Material Safety Data Sheet Water, Deionized

### Section 1 - Chemical Product and Company Identification

**MSDS Name:**  
Water, Deionized

**Catalog Numbers:**  
LC26750

**Synonyms:**  
None

**Company Identification:**  
LabChem Inc  
200 William Pitt Way  
Pittsburgh, PA 15238

**Company Phone Number:**  
(412) 826-5230

**Emergency Phone Number:**  
(800) 424-9300

**CHEMTREC Phone Number:**  
(800) 424-9300

### Section 2 – Composition, Information on Ingredients

CAS#	Chemical Name:	Percent
7732-18-5	Water	100

### Section 3 - Hazards Identification

#### Emergency Overview

**Appearance:** *Clear, colorless liquid*  
*Water is expected to be a low hazard for usual industrial handling.*

**Target Organs:** *None*

**Potential Health Effects**

**Eye:**  
Low hazard for usual industrial handling.

**Skin:**  
Low hazard for usual industrial handling.

**Ingestion:**  
Low hazard for usual industrial handling.

**Inhalation:**  
Low hazard for usual industrial handling.

**Chronic:**  
No chronic hazards are associated with exposure to water.



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### Section 4 - First Aid Measures

**Eyes:**

No special first aid measures are necessary.

**Skin:**

No special first aid measures are necessary.

**Ingestion:**

No special first aid measures are necessary.

**Inhalation:**

No special first aid measures are necessary.

**Notes to Physician:**

Treat symptomatically and supportively.

### Section 5 - Fire Fighting Measures

**General Information:**

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

**Extinguishing Media:**

For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam.

**Autoignition Temperature:**

Not applicable.

**Flash Point:**

Not applicable.

**NFPA Rating:**

CAS# 7732-18-5: Health- 0, Flammability- 0, Instability- 0.

**Explosion Limits:**

Lower: n/a      Upper: n/a

### 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.



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### Section 8 - Exposure Controls, Personal Protection

**Engineering Controls:**

There are no special ventilation requirements.

**Exposure Limits:**

Chemical Name:	ACGIH	NIOSH	OSHA
Water	none listed	none listed	none listed

**OSHA Vacated PELs:**

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

<b>Physical State:</b>	Clear liquid
<b>Color:</b>	Colorless
<b>Odor:</b>	Odorless
<b>pH:</b>	7
<b>Vapor Pressure:</b>	Not available
<b>Vapor Density:</b>	17.5 mm Hg @ 20°C
<b>Evaporation Rate:</b>	Not available
<b>Viscosity:</b>	1 cP @ 20°C
<b>Boiling Point:</b>	100°C
<b>Freezing/Melting Point:</b>	0°C
<b>Decomposition Temperature:</b>	Not available
<b>Solubility in water:</b>	Soluble
<b>Specific Gravity/Density:</b>	1.0
<b>Molecular Formula:</b>	H <sub>2</sub> O
<b>Molecular Weight:</b>	18.0134

### Section 10 - Stability and Reactivity

**Chemical Stability:**

Stable under normal temperatures and pressures.

**Conditions to Avoid:**

Incompatible materials.



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**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:**

**UN Number:**

**Packing Group:**



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### Section 15 - 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

MSDS Creation Date: April 11, 1999

Revision Date: September 16, 2009

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