



# Material Safety Data Sheet

## Water, deionized

### Section 1 - Chemical Product and Company Identification

**MSDS Name:**

Water, deionized

**Catalog Numbers:**

LC26750

**Synonyms:****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: colorless**This is expected to be a low hazard for usual industrial handling.**Target Organs: none known.***Potential Health Effects****Eye:**

Low hazard for normal industrial handling.

**Skin:**

Low hazard for usual industrial handling.

**Ingestion:**

Low hazard for usual industrial handling.

**Inhalation:**

Low hazard for usual industrial handling.



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**Chronic:**

None

#### 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:**

No acute hazards.

**Extinguishing Media:**

Substance is noncombustible; use agent most appropriate to extinguish surrounding fire.

**Autoignition Temperature:**

No information found.

**Flash Point:**

No information found.

**NFPA Rating:**

CAS# 7732-18-5: Not published.

**Explosion Limits:**

Lower:      Upper:

#### Section 6 - Accidental Release Measures

**General Information:**

Use proper personal protective equipment as indicated in Section 8.

**Spills/Leaks:**

No special clean up procedures are necessary. Wipe up spill with a mop or other absorbent material.

#### Section 7 - Handling and Storage

**Handling:**

No information found.

**Storage:**

No special precautions indicated.



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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 of the components are on this list.	None of the components are on this list.	None of the components are on this list.

### OSHA Vacated PELs

## Personal Protective Equipment

### Eyes:

Wear safety glasses with side shields.

### Skin:

Protective garments not normally required.

### Clothing:

Protective garments not normally required.

### Respirators:

Not required for normal use.

## Section 9 - Physical and Chemical Properties

**Physical State:** Clear liquid

**Color:** colorless

**Odor:** odorless

**pH:** 7

**Vapor Pressure:** No information found.

**Vapor Density:** No information found.

**Evaporation Rate:** No information found.

**Viscosity:** No information found.

**Boiling Point:** 100°C ( 212.00°F)

**Freezing/Melting Point:** 0°C ( 32.00°F)

**Decomposition Temperature:** No information found.

**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

### Chemical Stability:

Stable under normal temperatures and pressures.



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**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 = >90 mL/kg.

**Carcinogenicity:**

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

**Epidemiology:****Teratogenicity:****Reproductive:****Mutagenicity****Neurotoxicity**

### 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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<b>Section 15 - Regulatory Information</b>
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**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 components are on this list.

**US State**

**State Right to Know**

**California Regulations**

**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 not listed on Canada's Ingredient Disclosure List.

<b>Section 16 - Other Information</b>
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