



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 or
011-703-527-3887

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

| | |
|-----------------------------------|-------------------|
| 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 ₂ O |
| Molecular Weight: | 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

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