



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: H₂O
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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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 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.

Section 16 - Other Information

MSDS Creation Date: April 11, 1999

Revision Date: September 24, 2004

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