

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : **Water**

Product Number : W3500
Brand : Sigma

Company : Sigma-Aldrich
3050 Spruce Street
SAINT LOUIS MO 63103
USA

Telephone : +1 800-325-5832
Fax : +1 800-325-5052
Emergency Phone # : (314) 776-6555

2. COMPOSITION/INFORMATION ON INGREDIENTS

Formula : H₂O
Molecular Weight : 18.02 g/mol

CAS-No.	EC-No.	Index-No.	Concentration [%]
Water			
7732-18-5	231-791-2	-	-

3. HAZARDS IDENTIFICATION

Emergency Overview

OSHA Hazards

No OSHA Hazards

HMIS Classification

Health Hazard: 0

Flammability: 0

Physical hazards: 0

NFPA Rating

Health Hazard: 0

Fire : 0

Reactivity Hazard: 0

Potential Health Effects

Inhalation May cause respiratory tract irritation.

4. FIRST AID MEASURES

If inhaled

If not breathing give artificial respiration

5. FIRE-FIGHTING MEASURES

Flammable properties

Flash point not applicable

Ignition temperature not applicable

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Further information

The product itself does not burn.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up

Wipe up with absorbent material (e.g. cloth, fleece).

7. HANDLING AND STORAGE

Storage

No special storage conditions required.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

Personal protective equipment**Respiratory protection**

No special protective equipment required.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form liquid

Colour colourless

Safety data

pH 6.0 - 8.0 at 25 °C (77 °F)

Melting point 0.0 °C (32.0 °F)

Boiling point 100.0 °C (212.0 °F)

Flash point not applicable

Ignition temperature not applicable

Lower explosion limit not applicable

Upper explosion limit not applicable

Density 1.00 g/cm³

Water solubility completely miscible

10. STABILITY AND REACTIVITY

Storage stability

Stable under recommended storage conditions.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

LD50 Oral - rat - > 90,000 mg/kg

Irritation and corrosion

no data available

Sensitization

no data available

Chronic exposure

no data available

Potential Health Effects

Inhalation May cause respiratory tract irritation.

12. ECOLOGICAL INFORMATION

Elimination information (persistence and degradability)

not applicable

Ecotoxicity effects

no data available

Further information on ecology

no data available

13. DISPOSAL CONSIDERATIONS

Product

Taking into account local regulations the product may be disposed of as waste water after neutralisation.

14. TRANSPORT INFORMATION

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

15. REGULATORY INFORMATION

OSHA Hazards

No OSHA Hazards

TSCA Status

On TSCA Inventory

DSL Status

All components of this product are on the Canadian DSL list.

SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

No SARA Hazards

Massachusetts Right To Know Components

No Components Listed

Pennsylvania Right To Know Components

Water

CAS-No.
7732-18-5

Revision Date

New Jersey Right To Know Components

Water

CAS-No.
7732-18-5

Revision Date

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.

16. OTHER INFORMATION**Further information**

Copyright 2007 Sigma-Aldrich Co. License granted to make unlimited paper copies for internal use only., The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Co., shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.