



Safety Data Sheet

Deionized Water

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Deionized Water
Product code: 3314, 3315, 3316

Supplier: Astral Diagnostics Inc.
800-441-0366 Technical Service
Monday-Friday: 8:00 -5:00 PM

Synonym: None.

Material uses: Laboratory Reagent.

Validation date: 12/09/2013

In case of emergency: 800-424-9300 CHEMTREC (USA)
24 Hours/Day: 7 Days/Week

2. HAZARDS IDENTIFICATION

Emergency Overview Warning

OSHA Hazards

No Hazard

GHS Classification

No Hazard)

Hazard statement(s):

No Hazard

Precautionary statement(s):

None

HMIS Classification: Health hazard: 0; Flammability: 0; Physical hazards: 0

NFPA Rating: Health hazard: 0; Fire: 0; Reactivity Hazard: 0

Potential Health Effects: No data listed

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS number	% by weight
Water	7732-18-5	100

4. FIRST AID MEASURES

Eye contact: No Hazard

Skin contact: No Hazard

Inhalation: No Hazard

Ingestion: No Hazard

5. FIRE-FIGHTING MEASURES

Flammability of the product: NA (Not Applicable)

Extinguishing media: Use an extinguishing agent suitable for the surrounding fire.

Not suitable: None known.

Special exposure hazards: NA

Hazardous thermal

decomposition products: NA
Special protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
Special remarks on explosion hazards: NA

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Not Required (see Section 8).

Environmental precautions: Not Required

Spill: Mop spill area

7. HANDLING AND STORAGE

Handling: No precautions required

Storage: No precautions required

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: No special handling or ventilation requirements

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid.
Color: Clear
Flash Point: Not available.
Odor: None
pH: 5.8 to 7.5
Boiling/condensation point: 212°F
Melting/freezing point: 32°F
Relative density: 1
Vapor pressure: 17.5mm @20°C
Vapor density: NA
Volatility: NA
Odor threshold: NA
Evaporation rate: NA
VOC: NA
Solubility: Soluble

10. STABILITY AND REACTIVITY

Chemical stability: The product is stable.
Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.
Hazardous polymerization: Under normal conditions of storage and use, hazardous polymerization will not occur.
Conditions to avoid: Incompatible materials
Materials to avoid: Reactive or incompatible with the following materials: sulfuric acid, sodium/potassium metals, calcium carbide
Hazardous decomposition Under normal conditions of storage and use has not be reported

11. TOXICOLOGICAL INFORMATION

Acute toxicity: Oral LD50: No data available; Inhalation LC50: No data available; Dermal LD50: No data available

Other information on acute toxicity: No data available
Skin corrosion/irritation: No data available
Serious eye damage/eye irritation: Eyes: No data available
Respiratory or skin sensitization: No data available
Germ cell mutagenicity: No data available
Carcinogenicity: IARC: No data found; NTP: No data found; OSHA: No data found
Reproductive toxicity: No data available
Teratogenicity: No data available
Specific target organ toxicity - single exposure (Globally Harmonized System): no data available
Specific target organ toxicity - repeated exposure (Globally Harmonized System)
no data available
Aspiration hazard: No data available
Potential health effects: No data found

12. ECOLOGICAL INFORMATION

Toxicity, Persistence and degradability, Bioaccumulative potential, Mobility in soil, PBT and vPvB assessment
Other adverse effects
No data found

13. DISPOSAL CONSIDERATIONS

Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

DOT (US)
Not regulated

15. REGULATORY INFORMATION

United States
HCS Classification: Not regulated.

U.S. Federal regulations:

TSCA: CAS 7732-18-5 is listed pm the TSCA inventory

SARA Reportable Quantities Not listed
CERCLA/SARA Section 313: Not listed

OHSA – Highly Hazardous: Not highly hazardous

US State

Right to Know: None of the components are on this list.

European/International Regulations

Canadian DSL/NDSL: CAS 7732-18-5 is listed

Canada Ingredient Disclosure List: Listed

16. OTHER INFORMATION

National Fire Protection Association (U.S.A)



Notice to reader

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. Astral Diagnostics Inc. shall not be liable for any damage resulting from handling of contact with this product.