

MATERIAL SAFETY DATA SHEET

Section I: IDENTIFICATION

Product Name: Deionized Water

Date Prepared: 08/01

Item Number(s): 3315, 3316

Emergency Phone: 800-424-9300

Section II: COMPOSITION

<i>Non-Hazardous Component(s):</i>	<i>CAS Number</i>	<i>OHSA PEL, ACGIH TLV/STEL</i>	<i>NFPA</i>
Deionized Water	7732-18-5	NA	Health 0 Flammability 0 Reactivity 0

Section III: PHYSICAL DATA

<i>Boiling Point:</i>	~ 212°F	<i>Specific Gravity (H₂O = 1):</i>	~1.0
<i>Vapor Pressure mm Hg/20°C:</i>	NA	<i>Percent Volatile by Vol:</i>	NA
<i>Vapor Density (Air 1:1):</i>	NA	<i>Evaporation Rate (ether = 1):</i>	NA
<i>Solubility in H₂O:</i>	NA	<i>Appearance & Odor:</i>	Clear liquid, odorless

Section IV: FIRE/EXPLOSION HAZARD

Flash Point: Non-Flammable *Flammable Limits:* LEL: NA UEL: NA

Extinguishing Media: NA

Special Fire Fighting Procedures: NA: Wear protective clothing with NIOSH approved breathing apparatus. Products of combustion may be harmful in a fire situation. Do not use direct water stream.

Unusual Fire & Explosion Hazards: None Known

Section V: REACTIVITY

Stability: Stable *Material to Avoid:* NA

Hazardous Decomposition or Byproducts: NA

Hazardous Polymerization: Does not occur *Conditions to Avoid:* Normal Laboratory Care

Section VI: HEALTH HAZARDS

Routes of Entry: Inhalation, Skin and Ingestion *Target Organs:* NA

Acute/Chronic: NA

Carcinogenicity: NA

Signs/Symptoms of Exposure: NA

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Section VI: HEALTH HAZARDS

Emergency First Aid: NA

Skin:

Eyes:

Ingestion:

Inhalation:

Section VII: SAFE HANDLING

Chemical Release or Spill: NA: Isolate the spill area with sand, or other absorbent material. Neutralize the residue with dilute sodium carbonate. Place all contaminated material in close container for proper disposal.

Waste Disposal Method: NA: All liquid and or contaminated material should be disposed of in DOT approved waste containers. Comply with all Federal, State and Local regulations for disposal.

Precautions for Handling and Storing: Normal Laboratory Care

Section VIII: CONTROL MEASURES

Respiratory Protection: Not required.

Ventilation: Not required

Protective Gloves: NA

Eye Protection: Not required

Other Protective Clothing or Equipment: Normal laboratory apparel suggested by Good Laboratory Practices

Work/Hygienic Practices: Wash thoroughly with soap and water after handling chemicals.

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 shall not be held liable for any damage resulting from handling or contact with this product.
