

***M S D S******Material Safety Data Sheet***

AZER SCIENTIFIC™

24 HOUR EMERGENCY  
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**Deionized Water****Section I: IDENTIFICATION**

*Product Name: Deionized Water*

*Azer Scientific Catalog Number(s):* ES616, ES616-32, ES616-2.5G, ES616-5G

**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 (H<sub>2</sub>O = 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 H<sub>2</sub>O:</i>	NA	<i>Appearance &amp; 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

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### **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:*

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### **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

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### **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.

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