

***MSDS******Material Safety Data Sheet***

24 HOUR EMERGENCY  
TELEPHONE NUMBER  
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**High Purity Water****Section I: IDENTIFICATION**

*Product Name:* **High Purity Water**  
*Azer Scientific Catalog Number(s):* ES611, ES612

**Section II: COMPOSITION**

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

**Section III: PHYSICAL DATA**

*Boiling Point:* ~ 212°F      *Specific Gravity (H<sub>2</sub>O = 1):* ~1.0  
*Vapor Pressure mm Hg/20 °C:* NA      *Percent Volatile by Vol:* NA  
*Vapor Density (Air 1:1):* NA      *Evaporation Rate (ether = 1):* NA  
*Solubility in H<sub>2</sub>O:* NA      *Appearance & Odor:* 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

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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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