
SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Deionized Water**SYNONYMS:** Reagent Water, Purified Water, Distilled Water**PRODUCT CODES:** ES616, ES616-32, ES616-2.5G, ES616-5G, ES611, ES612**MANUFACTURER:** Azer Scientific, Inc.**ADDRESS:** 701 Hemlock Rd, Morgantown, PA 19543**CHEMTREC PHONE:** 800-424-9300**SUPPORT:** 610-524-5810**FAX:** 610-901-3046**PRODUCT USE:** Laboratory grade water**PREPARED BY:** CB**SECTION 1 NOTES:**

SECTION 2: HAZARDS IDENTIFICATION

GHS CLASSIFICATION: The substance is not classified according to the Globally Harmonized System (GHS).

Pictogram: N/A

Signal Word: N/A

SECTION 2 NOTES:

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT:</u>	<u>CAS NO.</u>	<u>% WT</u>
Water	7732-18-5	100

SECTION 3 NOTES:

SECTION 4: FIRST AID MEASURES

EYES: Generally not expected to irritate eyes.**SKIN:** Generally product will not irritate skin.**INGESTION:** Generally not harmful if ingested.**INHALATION:** Supply fresh air. Consult physician if irritation occurs.**SECTION 4 NOTES:**

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABILITY OF THE PRODUCT: Will not burn, will not support fire.**FLASH POINT:** Not available**AUTOIGNITION TEMPERATURE:** Not available**NFPA HAZARD CLASSIFICATION****HEALTH:0 FLAMMABILITY:0 REACTIVITY:0****OTHER:**

HMIS HAZARD CLASSIFICATION

HEALTH:0 FLAMMABILITY: 0 REACTIVITY: 0
PROTECTION:

EXTINGUISHING MEDIA: Use extinguishing media suitable for surrounding fire.

NOT SUITABLE: No information available.

SPECIAL FIRE FIGHTING PROCEDURES: N/A

HAZARDOUS DECOMPOSITION PRODUCTS: N/A

SECTION 5 NOTES:

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Absorb with an inert dry material and place in an appropriate waste disposal container.

SECTION 6 NOTES:

SECTION 7: HANDLING AND STORAGE

HANDLING: No special handling required.

STORAGE: No special storage requirements.

SECTION 7 NOTES:

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

ENGINEERING CONTROLS: Handle in accordance with good industrial hygiene and safety practice.

RESPIRATORY PROTECTION: No special equipment required.

EYE PROTECTION: Glasses or splash goggles recommended in accordance with good industrial hygiene and safety practice.

SKIN PROTECTION: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: N/A

WORK HYGIENIC PRACTICES: N/A

EXPOSURE GUIDELINES: N/A

Component	Source	Type	Value	Note

SECTION 8 NOTES:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear, colorless
ODOR: Odorless
PHYSICAL STATE: Liquid
pH AS SUPPLIED: Not Available
BOILING POINT: 100°C
MELTING POINT/FREEZING POINT: 0°C
VAPOR PRESSURE (mmHg): 3.169 kPa @ 25 °C
VAPOR DENSITY (AIR = 1): Not Available
EVAPORATION RATE: Not Available
SOLUBILITY IN WATER: Soluble in water
MOLECULAR WEIGHT: 16
VISCOSITY: Not established

SECTION 9 NOTES:

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Product is stable under normal conditions of use.

CONDITIONS TO AVOID (STABILITY): None known.

INCOMPATIBILITY (MATERIAL TO AVOID): Strong acids and bases, water reactive substances.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None known.

HAZARDOUS POLYMERIZATION: No hazardous polymerization

CONDITIONS TO AVOID (POLYMERIZATION): N/A

SECTION 10 NOTES:

SECTION 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:

NTP: No **IARC:** No **OSHA Reg:** No

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: None known

Signs and Symptoms of Exposure: N/A

ROUTES OF ENTRY: Skin/eye contact, inhalation, and ingestion.

ACUTE HEALTH HAZARDS: None known

TARGET ORGANS: N/A

SECTION 11 NOTES:

SECTION 12: ECOLOGICAL INFORMATION

TOXICITY: No relevant information available.

PERSISTANCE AND DEGRADABILITY: Expected to readily degrade.

BIOACCUMULATIVE POTENTIAL: N/A

MOBILITY IN SOIL: N/A

PBT and vPvB ASSESSMENT: Not Required

SECTION 12 NOTES:

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Spent product or spill clean up-follow all provincial, local, state, and federal regulations.

RCRA HAZARD CLASS:

SECTION 13 NOTES:

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION: Not Regulated

PROPER SHIPPING NAME:

HAZARD CLASS:

ID NUMBER:

PACKING GROUP:

LABEL STATEMENT:

ENVIRONMENTAL HAZARDS:

AIR TRANSPORTATION: Not Regulated

PROPER SHIPPING NAME:

HAZARD CLASS:

ID NUMBER:

PACKING GROUP:

LABEL STATEMENTS:

OTHER AGENCIES:

Canadian TDG: Not regulated / **Environmental Hazards:** No

EU ADR/RID: Not regulated / **Environmental Hazards:** No

IATA/ICAO: Not regulated / **Environmental Hazards:** No

SECTION 14 NOTES:

SECTION 15: REGULATORY INFORMATION

United States

HCS Classification: Not Classified

U.S. Federal regulations:

TSCA (Toxic Substance Control Act): This product is listed on the TSCA Inventory.
SARA 302/304/311/312 extremely hazardous substances: No products were found.
SARA 302/304 emergency planning and notification: No products were found.
SARA 302/304/311/312 hazardous chemicals:
SARA 311/312 MSDS distribution - chemical inventory - hazard identification:

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):

**DEA List I & II Chemicals
(Precursor Chemicals):**

Not listed

RTK STATES: Water CAS# 7732-18-5 PA, NJ

California Prop. 65

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm: None

CANADA

WHMIS (Canada):

Not Classified

CEPA DSL / CEPA NDSL:

All components are listed or exempted.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

International regulations

International lists:

Australia inventory (AICS): All components are listed or exempted.

China inventory (IECSC): All components are listed or exempted.

Japan inventory: All components are listed or exempted.

Korea inventory: All components are listed or exempted.

New Zealand Inventory of Chemicals (NZIoC): All components are listed or exempted.

Philippines inventory (PICCS): All components are listed or exempted.

SECTION 16: OTHER INFORMATION

DISCLAIMER: This Safety Data Sheet has been prepared in accordance with the Globally Harmonized System for the Classification and Labelling of Chemicals (GHS). To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries makes any warranty of merchantability or any other warranty, expressed or implied, which respect to such information, and we assume no liability resulting from its use. In no event shall Azer Scientific be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages resulting from use of or reliance upon this information.

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