Safety Data Sheet
Deionized Water

Section 1 – PRODUCT AND COMPANY IDENTIFICATION

Product Name: Deionized Water
Chemical Name/
Class/Synonyms: Water
Product Number: Deionized Water
UN/NA Number: None
Chemical Family: Water
CAS Number: 7732-18-5
Formula: H_2O
Company: WD Service Company
780 Creek Road
Bellmawr, NJ 08031
856-931-6100 800-366-9326
www.wdserviceco.com
ISO 9001 Certified

Emergency Phone: **800-366-9326**

Date Prepared: **12-16-25**

Section 2 – HAZARDS IDENTIFICATION

Classification of the substance or mixture:

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

Label Elements:

GHS Label Elements: Non-Regulated Material
Hazard Pictograms: Non-Regulated Material
Signal Word: Non-Regulated Material
Hazard Statements: Non-Regulated Material
Classification System:
NFPA ratings (scale 0 -4)

Health = 0
Fire = 0
Reactivity = 0

HMIS – rating (scale 0-4)

Health = 0
Fire = 0
Reactivity = 0

Section 3 – COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	PERCENT	CAS NUMBER
Deionized Water	100%	7732-18-5

Section 4 – FIRST AID MEASURES

Description of First Aid Measures
General Information: No special measures required.
After Inhalation: Not anticipated under normal use.
After Skin Contact: Not applicable
After Eye Contact: Not applicable
After Swallowing: Not applicable
Information for doctor:
Most important symptoms and effects, both acute and delayed: No further relevant information available.
Indication of any immediate medical attention and special treatment needed: No further relevant information available.

Section 5 – FIREFIGHTING MEASURES

Extinguishing Media: Substance is noncombustible; use agent most appropriate to extinguish surrounding fire.
Special Hazards arising from the substance or mixture: No further relevant information available.
Advice for firefighters:
Protective equipment: No special measures required.

Section 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Not required.
Environmental precautions: None. Dilute with plenty of water.
Methods and material for containment and cleaning up: Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust).
Reference to other sections:
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

Section 7 – HANDLING AND STORAGE

Handling:
Precautions for safe handling: No special measures required.
Information about protection against explosions and fires: No special measures required.
Conditions for safe storage including any incompatibilities
Storage:
Requirements to be met by storerooms and receptacles: No special requirements.
Information about storage in one common storage facility: Not required.
Further information about storage conditions: None.
Specific end use(s): No further relevant information available.

Section 8 – EXPOSURE CONTROLS, PERSONAL PROTECTION

Additional Information about design of technical systems: No further data; see Section 7.
Control parameters
Components with occupational exposure limits:
Additional information: The lists that were valid during the creation of this SDS were used as basis.
Exposure controls
Personal protective equipment:
General protective and hygienic measures: The usual precautionary measures for handling chemicals should be followed.
Breathing equipment: Not required.
Protection of hands: Not required.
Eye protection: Not required.

Section 9 – PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties
General Information
Appearance:

Form:	Liquid
Color:	Clear
Odor:	Odorless
Odor threshold:	Not determined.
pH value @ 20°C (68°F):	7
Change in condition	
Melting point/Melting range:	0°C (32°F)
Boiling point/Boiling range:	100°C (212°F)
Flash point:	Not applicable.
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	
Decomposition temperature:	Not determined.
Auto igniting:	Not determined.
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	0 Vol %
Upper:	0 Vol %
Vapor pressure @ 20°C (68°F):	23hPa (17mmHg)

Section 9 – PHYSICAL AND CHEMICAL PROPERTIES (continued)

Density @ 20°C (68°F):	1 g/cm^3 (8.345 lbs/gal)
Relative density	Not determined.
Vapor density	Not determined.
Evaporation rate	Not determined.
Solubility in/Miscibility with Water:	Fully miscible.
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
Dynamic @ 20°C (68°F):	0.952 mPas
Kinematic:	Not determined.
Other information:	No further relevant information available.

Section 10 – STABILITY AND REACTIVITY

Reactivity: No further relevant information available.
Chemical stability: Stable under normal conditions.
Thermal decomposition/conditions to be avoided: No decomposition if used according to specifications.
Possibility of hazardous reactions: No dangerous reactions known.
Conditions to avoid: No further relevant information available.
Incompatible materials: No further relevant information available.
Hazardous decomposition products: No dangerous decomposition products known.

Section 11 – TOXICOLOGICAL INFORMATION

Information on Toxicological effects
Acute toxicity:
Primary irritant effect:
on the skin: No irritating effect.
in the eye: No irritating effect.
Sensitization: No sensitizing effects known.
Additional toxicological information: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us. The substance is not subject to classification.

Carcinogenic categories
IARC (International Agency for Research on Cancer) Substance is not listed.
NTP (National Toxicology Program) Substance is not listed.
OSHA-CA (Occupational Safety & Health Administration) Substance is not listed.

Section 12 – ECOLOGICAL INFORMATION

Toxicity
Aquatic toxicity: No further relevant information available.
Persistence and degradability: No further relevant information available.
Behavior in environmental systems:
Bioaccumulative potential: No further relevant information available.
Mobility in soil: No further relevant information available.
Additional ecological information:
General notes: Generally not hazardous for water.
Results of PBT and vPvB assessment:
PBT: Not applicable.
vPvB: Not applicable.
Other adverse effects: No further relevant information available.

Section 13 – DISPOSAL CONSIDERATIONS

Waste treatment methods:
Recommendation: Small quantities can be disposed of with household waste.

Uncleaned packaging:
Recommendation: Disposal must be made according to official regulations.
Recommended cleaning agent: Water, if necessary with cleansing agents.

Section 14 – TRANSPORT INFORMATION

UN – Number

DOT, AND, IMDG, IATA:	Non-regulated Material.
ADR:	Non-regulated Material.

Section 14 - TRANSPORT INFORMATION (continued)

UN proper shipping name
DOT, ADR, ADN, IMDG, IATA: Non-regulated Material.

Transport hazard class(es)
DOT, ADR, ADN, IMDG, IATA Class: Non-regulated Material.

Packing group
DOT, ADR, IMDG, IATA: Non-regulated Material.

Environmental hazards: Not applicable.

Special precautions for user: Not applicable.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

UN "Model Regulation": Not applicable.

Section 15 – REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture
Sara
Section 355 (extremely hazardous substances): Substance is not listed.
Section 313 (Specific toxic chemical listings): Substance is not listed.
TSCA (Toxic Substance Control Act): Substance is listed.
Proposition 65
Chemicals known to cause cancer: Substance is not listed.
Chemicals known to cause reproductive toxicity for females: Substance is not listed.
Chemicals known to cause reproductive toxicity for males: Substance is not listed.
Chemicals known to cause developmental toxicity: Substance is not listed.

Carcinogenic categories
EPA (Environmental Protection Agency): Substance is not listed.
TLV (Threshold Limit Value established by ACGIH): Substance is not listed.
NIOSH-Ca (National Institute for Occupational Safety Health): Substance is not listed.
OSHA-Ca (Occupational Safety & Health Administration): Substance is not listed.
GHS label elements: Non-regulated Material.
Hazard pictograms: Non-regulated Material.
Signal word: Non-regulated Material.
Hazard statements: Non-regulated Material.

National regulations: Substance is not listed.

State Right to Know: Substance is not listed.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

Section 16 – OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not Establish a legally valid contractual relationship.

Abbreviations and acronyms:
ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road
AND: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HNIS: Hazardous Materials Identification System (USA)
***Data compared to the previous version altered.**