



**SECTION 1 – CHEMICAL PRODUCT AND COMPANY INFORMATION**

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**Product Name:** Culligan Deionized Water  
**Part Number:** multiple                      **Chemical Family:** water

**Manufacturer's Name:** Culligan International  
**Address:** One Culligan Parkway, Northbrook, IL 60062  
**Product/Technical Information Phone Number:** 847.205.6000  
**Medical/Handling Emergency Phone Number:** Call CHEMTREC at (800) 424-9300  
24 hours a day  
**Transportation Emergency Phone Number:** Call CHEMTREC at (800) 424-9300  
24 hours a day

**Issue Date:** March 15, 2002  
**Revision Date/Revision Number:** March 15, 2002/Rev 1

**SECTION 2 – COMPOSITION INFORMATION**

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<u>Chemical Name</u>	<u>Percent by Weight</u>	<u>CAS#</u>
Water	99 - 100 %	007732-18-5

This product is not covered by the requirements of the OSHA Hazard Communication Standard.

**SECTION 3 – HAZARDS IDENTIFICATION**

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**Appearance & Odor:** Clear liquid with no odor.  
**Emergency Overview:** There are no hazards associated with this product.  
**Fire & Explosion Hazards:** There are no fire or explosion hazards associated with this product.  
**Primary Route(s) of Exposure:** skin or eye contact, ingestion  
**Inhalation – Acute Effects:** Inhalation is not expected to pose serious health risk.  
**Skin Contact – Acute Effects:** Skin contact will not cause any health hazards.  
**Eye Contact – Acute Effects:** Eye contact will not cause any health hazards.  
**Ingestion – Acute Effects:** Ingestion is not expected to pose a serious health risk.

**SECTION 4 – FIRST AID MEASURES**

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**Inhalation First Aid:** Move individual to an area of fresh air. If breathing has stopped, have a trained individual perform artificial respiration. Oxygen may be administered to assist breathing. Contact a physician immediately.  
**Skin Contact First Aid:** First aid is not required in the event of skin contact.

#### SECTION 4 – FIRST AID MEASURES (cont.)

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**Eye Contact First Aid:** First aid is not required in the event of eye contact.

**Ingestion First Aid:** Never give anything by mouth to an unconscious person. Contact a physician for advice.

**Medical Conditions Aggravated:** There are no known conditions aggravated by exposure to this product.

**Note to Physician:** None.

#### SECTION 5 – FIRE FIGHTING MEASURES

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**Flash Point/Method:** Not applicable.

**Auto Ignition Temperature:** Not applicable.

**Upper/Lower Explosion Limits:** Not applicable.

**Extinguishing Media:** Not applicable.

**Fire Fighting Procedures:** This product is not expected to burn.

**Fire & Explosion Hazards:** There are no fire or explosion hazards associated with this product.

**Hazardous Products of Decomposition and/or Combustion:** Not applicable.

**NFPA Ratings:**

HEALTH- 0 FLAMMABILITY- 0 REACTIVITY- 0 OTHER- none

#### SECTION 6 – ACCIDENTAL RELEASE MEASURES

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**Spill/Leak Procedures:** Spilled water can be a slipping hazard and may freeze to form ice in cold climates.

**Cleanup:** Small Spills: Mop or absorb accordingly; Large Spills: Use mechanical means (pumps, etc.) to remove large quantities of spilled material.

**Regulatory Requirements:** None known.

#### SECTION 7 – HANDLING AND STORAGE

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**Handling:** No special requirements.

**Storage:** Store above 32<sup>0</sup> F - Do not allow product to freeze.

**General Comments:** none

#### SECTION 8 –PERSONAL PROTECTION/ EXPOSURE CONTROL

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**Respiratory Protection:** Respiratory protection should not be necessary for pure product. However, if Deionized water becomes contaminated with a volatile substance, refer to the MSDS for the contaminant for any necessary respiratory protection requirements.

## SECTION 8 –PERSONAL PROTECTION/ EXPOSURE CONTROL (cont.)

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**Skin Protection:** Not required.

**Eye Protection:** Not required.

**Ventilation Protection:** Should not be necessary for pure product. However, if Deionized water becomes contaminated with a volatile substance, refer to the MSDS for the contaminant.

**Other Protection:** Safety Stations: Should not be necessary for pure product. However, if Deionized water becomes contaminated with a volatile substance, refer to the MSDS for the contaminant.

**Exposure Limits:** Exposure limits have not been developed for this product.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

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**Appearance & Odor:** Clear liquid with no odor.

**Vapor Pressure:** N/A\*

**Vapor Density (Air=1):** 8.3 - 8.4 lbs./gallon

**Boiling Point:** 212<sup>0</sup> F (100<sup>0</sup> C)

**Melting Point:** 32<sup>0</sup> F (0.0<sup>0</sup> C)

**Specific Gravity:** 1.0

**Solubility in Water:** Infinite

**Volatile Percentage:** 100%

**pH:** Neutral

**Flash Point/method:** N/A

**Auto Ignition Temperature:** N/A

**Upper/Lower Explosion Limits:** N/A      **Other:** none

\*N/A=Not applicable

## SECTION 10 – STABILITY AND REACTIVITY

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**Stability:** Deionized Water is stable at room temperature in closed containers under normal storage and handling conditions.

**Incompatibilities:** None known.

**Polymerization:** Hazardous polymerization cannot occur.

**Decomposition:** Not applicable.

**Conditions to Avoid:** Not applicable.

## SECTION 11 – TOXICOLOGICAL INFORMATION

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**Inhalation – Acute:** Inhalation is not expected to pose serious health risk.

**Inhalation – Chronic:** There are no known chronic inhalation effects.

**Skin Contact – Acute:** Skin contact will not cause any health hazards.

**Skin Contact – Chronic:** There are no known chronic dermal effects.

**Eye Contact – Acute:** Eye contact will not cause any health hazards.

**Ingestion – Acute:** Ingestion is not expected to pose a serious health risk.

**Ingestion – Chronic:** There are no known chronic ingestion effects.

**Carcinogenicity/Mutagenicity:** There are no known carcinogenic/mutagenic effects.

**Reproductive Effects:** There are no known reproductive effects.

**Neurotoxicity:** There are no known neurotoxic effects.

**Other Effects:** There are no other known toxic effects.

**Target Organs:** Not applicable.

**SECTION 12 – ECOLOGICAL INFORMATION**

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There are no known ecological effects.

**SECTION 13 – DISPOSAL CONSIDERATIONS**

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When disposed of in pure form, Deionized water may be flushed to any sanitary sewer system. Check with local municipal authorities before flushing large quantities of water to a sewer system.

**SECTION 14 – TRANSPORTATION INFORMATION**

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**DOT Shipping Description:** Not regulated by DOT.

**SECTION 15 – REGULATORY INFORMATION**

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CERCLA SECTION 103 (40CFR302.4): no RQ: none  
SARA SECTION 302 (40CFR355.30): no  
SARA SECTION 304 (40CFR355.40): no  
SARA SECTION 313 (40CFR372.65): no  
OSHA PROCESS SAFETY (29CFR1910.119): no  
CALIFORNIA PROPOSITION 65: no

**SECTION 16 – OTHER INFORMATION**

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**Disclaimer:** The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the user thereof. It is the buyer's responsibility to ensure that its activities comply with federal, state, provincial and local laws.

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