Material Safety Data Sheet
Water, Deionized MSDS

Section 1: Chemical Product and Company Identification

<table>
<thead>
<tr>
<th>Product Name:</th>
<th>Water, Deionized</th>
</tr>
</thead>
<tbody>
<tr>
<td>Catalog Codes:</td>
<td>SLW1015</td>
</tr>
<tr>
<td>CAS#:</td>
<td>7732-18-5</td>
</tr>
<tr>
<td>RTECS:</td>
<td>ZC0110000</td>
</tr>
<tr>
<td>TSCA:</td>
<td>TSCA 8(b) inventory: Water</td>
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<tr>
<td>CI#:</td>
<td>Not available.</td>
</tr>
<tr>
<td>Synonym:</td>
<td>Dihydrogen oxide</td>
</tr>
<tr>
<td>Chemical Name:</td>
<td>Water</td>
</tr>
<tr>
<td>Chemical Formula:</td>
<td>H2O</td>
</tr>
</tbody>
</table>

Contact Information:
Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396
US Sales: 1-800-901-7247
International Sales: 1-281-441-4400
Order Online: ScienceLab.com
CHEMTREC (24HR Emergency Telephone), call:
1-800-424-9300
International CHEMTREC, call: 1-703-527-3887
For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS #</th>
<th>% by Weight</th>
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</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>100</td>
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</tbody>
</table>

Toxicological Data on Ingredients: Not applicable.

Section 3: Hazards Identification

Potential Acute Health Effects:

Potential Chronic Health Effects:

Section 4: First Aid Measures

Eye Contact: Not applicable.
Skin Contact: Not applicable.
Serious Skin Contact: Not available.
Inhalation: Not applicable.
Serious Inhalation: Not available.
Ingestion: Not Applicable
Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Non-flammable.
Auto-Ignition Temperature: Not applicable.
Flash Points: Not applicable.
Flammable Limits: Not applicable.
Products of Combustion: Not available.
Fire Hazards in Presence of Various Substances: Not applicable.
Explosion Hazards in Presence of Various Substances: Not Applicable
Fire Fighting Media and Instructions: Not applicable.
Special Remarks on Fire Hazards: Not available.
Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill: Mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.
Large Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Section 7: Handling and Storage

Precautions: No specific safety phrase has been found applicable for this product.
Storage: Not applicable.

Section 8: Exposure Controls/Personal Protection

Engineering Controls: Not Applicable
Personal Protection: Safety glasses. Lab coat.
Personal Protection in Case of a Large Spill: Not Applicable
Exposure Limits: Not available.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid.
**Odor:** Odorless.
**Taste:** Not available.
**Molecular Weight:** 18.02 g/mole
**Color:** Colorless.
**pH (1% soln/water):** 7 [Neutral.]
**Boiling Point:** 100°C (212°F)
**Melting Point:** Not available.
**Critical Temperature:** Not available.
**Specific Gravity:** 1 (Water = 1)
**Vapor Pressure:** 2.3 kPa (@ 20°C)
**Vapor Density:** 0.62 (Air = 1)
**Volatility:** Not available.
**Odor Threshold:** Not available.
**Water/Oil Dist. Coeff.:** Not available.
**Ionicity (in Water):** Not available.
**Dispersion Properties:** Not applicable
**Solubility:** Not Applicable

### Section 10: Stability and Reactivity Data

**Stability:** The product is stable.
**Instability Temperature:** Not available.
**Conditions of Instability:** Not available.
**Incompatibility with various substances:** Not available.
**Corrosivity:** Not available.
**Special Remarks on Reactivity:** Not available.
**Special Remarks on Corrosivity:** Not available.
**Polymerization:** Will not occur.

### Section 11: Toxicological Information

**Routes of Entry:** Absorbed through skin. Eye contact.

**Toxicity to Animals:**
LD50: [Rat] - Route: oral; Dose: > 90 ml/kg LC50: Not available.

**Chronic Effects on Humans:** Not available.

**Other Toxic Effects on Humans:**

**Special Remarks on Toxicity to Animals:** Not available.
Special Remarks on Chronic Effects on Humans: Not available.
Special Remarks on other Toxic Effects on Humans: Not available.

Section 12: Ecological Information

Ecotoxicity: Not available.
BOD5 and COD: Not available.
Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.
Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: Not a DOT controlled material (United States).
Identification: Not applicable.
Special Provisions for Transport: Not applicable.

Section 15: Other Regulatory Information

Federal and State Regulations: TSCA 8(b) inventory: Water
Other Regulations: EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.
Other Classifications:
WHMIS (Canada): Not controlled under WHMIS (Canada).
DSCL (EEC): This product is not classified according to the EU regulations. Not applicable.
HMIS (U.S.A.):
  Health Hazard: 0
  Fire Hazard: 0
  Reactivity: 0
  Personal Protection: a
National Fire Protection Association (U.S.A.):
  Health: 0
  Flammability: 0
  Reactivity: 0
  Specific hazard:
### Section 16: Other Information

<table>
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<tr>
<th>References:</th>
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<tr>
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<tr>
<td>Created:</td>
<td>10/10/2005 08:33 PM</td>
</tr>
<tr>
<td>Last Updated:</td>
<td>05/21/2013 12:00 PM</td>
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