Medical Chemical Corp.
19430 Van Ness Ave.
Torrance, CA 90501
Customer Service: Phone (310)787-6800
FAX (310)787-4464
CHEMTREC Emergency Response Telephone Number: (800)424-9300
Note: The CHEMTREC phone number is only for emergencies involving spills, leaks, fire, exposure or accident. Please direct all other inquiries to our customer service phone number.

Section I - Product Identification
Water, also known as hydrogen oxide.

Section II - Hazards Identification
Overview: Hydrogen oxide is a green house gas that contributes to global warming. It is also the main component of acid rain. May be harmful if swallowed in excess. May be irritating to skin eyes and respiratory tract.

Safety Ratings
- **Health:** None
- **Flammability:** None
- **Reactivity:** None
- **Contact:** None

Recommended safety equipment: safety goggles, lab coat and proper gloves should be available.

Storage: General storage

NFPA Ratings
- Health = 0
- Flammability = 0
- Reactivity = 0

Potential Health Effects

**Inhalation:** May be irritating

**Ingestion:** While the toxicity of this compound is low, large doses may cause nausea, vomiting, diarrhea, etc.

**Skin contact:** Not normally a problem

**Eye contact:** May be irritating

**Chronic Exposure:** Prolonged immersion may produce drowning and/or hypothermia. Prolonged exposure to the solid form of this chemical can cause frostbite. Exposure to the vapor form can cause severe burns.

**Aggravation of preexisting conditions:** Prolonged immersion may result in death.

Section III - Composition/Information on Components

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS#</th>
<th>OSHA Pel</th>
<th>ACGIH TLV</th>
<th>Other Limits</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td></td>
<td></td>
<td></td>
<td>100.000%</td>
</tr>
</tbody>
</table>

Section IV - First Aid Measures

**Inhalation:** Remove from source of exposure and get medical attention for any breathing difficulty.

**Ingestion:** Not normally a problem. Hey, It’s just water!

**Skin Contact:** Wash affected area with soap and water. Get medical advice if irritation develops.

**Eye Contact:** Rinse thoroughly with running water. Get medical advice if irritation develops.
Section V - Fire Fighting Measures
Fire: Not normally a fire Hazard.
Explosion: Not Normally an explosion hazards.
Fire Extinguishing Media: Any means suitable for surrounding fire.
Special information: Pyrolysis is highly unlikely.

Section VI - Accidental Release Measures
Absorb with a suitable absorbent (such as paper towels) and store in a suitable container for disposal.

Section VII - Handling and Storage
Store in a closed container, protected from freezing or boiling.

Section VIII - Exposure Control/Personal Protection
Airborne Exposure Limits: See section III.
Ventilation System: Usually not required. When required, Refer to the ACGIH document, "Industrial Ventilation, a Manual of Recommended Practices" for details about ventilation.
Personal Respirator: Usually not required.
Skin protection: Protective gloves are not required but recommended as part of good laboratory practice.
Eye Protection: Laboratory safety goggles or similar products are not required but recommended as part of good laboratory practice.

Section IX - Physical and Chemical Properties
Boiling Point: 100.0 °C @ 1 atm
Vapor pressure (mm Hg): 18 @ 20 °C
Vapor Density (air = 1): 0.6
Appearance and Odor: A clear, colorless, odorless liquid.
Density: About 0.997627 g/ml @ 22.5 °C
Evaporation Rate (water = 1): 1
Solubility: Infinitely miscible with water

Section X - Stability and Reactivity
Stability: Freezes at low temperature.
Hazardous Decomposition Products: Nothing unusual.
Hazardous polymerization: Will not occur.
Incompatibilities: Reacts violently with alkali metals such as lithium, sodium and potassium.
Conditions to avoid: Excessive cold and heat.

Section XI - Toxicological Information
None relating to normal exposure.

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Known Carcinogenicity?</th>
<th>NTP?</th>
<th>Anticipated?</th>
<th>IARC Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>no</td>
<td>no</td>
<td>Highly unlikely</td>
<td>none</td>
</tr>
</tbody>
</table>

Section XII - Ecological Information
Environmental Fate: Not a problem
Environmental Toxicity: None

Section XIII - Disposal Considerations
At the present time there is no neutralizer for this product. Local governments can restrict the amounts of anything that may be flushed down drain. Dispose of contents and container in accordance with all government regulations.
Section XIV Transportation Information
Not regulated at the present time.

Section XV - Regulatory Information

### Chemical Inventory Status

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>TSCA</th>
<th>EC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### Federal, State and International Regulations

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>SARA 302</th>
<th>SARA 313</th>
<th>RCRA 261.33</th>
<th>TSCA 8(D)</th>
<th>Ca. Prop 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

Chemical Weapons Convention: No  TSCA 12(b): No  CDTA: No
SARA 311/312: Acute: No, Chronic: No

Section XVI - Other Information

This information is believed to be correct but is not waranteed as such, nor does it purport to be all inclusive.

Revision Date: Nov. 6, 2017