

## Safety Data Sheet

### SECTION 1: Identification

<b>Product Name</b>	Deionized Water ASTM Type II Reagent Grade		
<b>Other Identifiers</b>	Dihydrogen Oxide; CHM03V915, CHM03V916, CHM03V917		
<b>Recommended Uses</b>	General Laboratory Reagent/Chemical.		
<b>Uses Advised Against</b>	Not intended for drug, food or household use.		
<b>Address</b>	1654 High Hill Road Swedesboro, NJ 08085 USA	<b>24-Hour Emergency Telephone</b>	
<b>Telephone</b>	1-800-345-2100	CHEMTREC (USA) 800-424-9300 CHEMTREC (International) 1 + 730-527-3887	
<b>Website</b>	www.thomassci.com		

### SECTION 2: Hazard(s) Identification

#### Hazards not otherwise classified or covered by GHS

None identified.

#### Hazard Statements

This product is not categorized as hazardous in any GHS class.

### SECTION 3: Composition / Information on Ingredients

Component Name	Component Number CAS	Component Number EC	Component Weight %
Water	7732-18-5	231-791-2	100

### SECTION 4: First-Aid Measures

<b>General Advice</b>	No specific treatment is required.
<b>Skin Contact</b>	This material is not expected to require any special treatment if contacted.
<b>Eye Contact</b>	No specific treatment is required.
<b>Inhalation</b>	Remove person to fresh air and keep comfortable for breathing. If breathing is difficult or labored, seek medical attention.
<b>Ingestion</b>	No specific treatment is required.
<b>Symptoms/effects</b>	Water intoxication (ingestion) can cause confusion, disorientation, nausea, vomiting and brain swelling.
<b>Treatment</b>	Treat symptomatically.

### SECTION 5: Fire-Fighting Measures

<b>Extinguishing Media</b>	Substance is not flammable, use agent most appropriate to extinguish surrounding fire (water, carbon dioxide, dry chemical, sand/earth, foam).
<b>Specific Hazards</b>	None.
<b>Actions for Firefighters</b>	No special protection is required for this chemical substance.

### SECTION 6: Accidental Release Measures

<b>Precautions and Procedures</b>	No specific treatment is required.
<b>Environmental Precautions</b>	No specific treatment is required.
<b>Containment and Clean Up</b>	No specific treatment is required.

### Section 7: Handling and Storage

<b>Handling</b>	No specific treatment is required.
<b>Storage</b>	Protect from freezing and physical damage. Store separately from incompatible materials.

### Section 8: Exposure Controls / Personal Protection

<b>Engineering Controls</b>	As part of safe chemical handling, emergency eye wash fountains and safety showers should be available in handling areas.
<b>Exposure Limits</b>	Occupational exposure limit values have not been established.
<b>Eye Protection</b>	As part of good industrial hygiene, wear safety glasses with side shields or safety goggles. Wear face shield if there is risk of splashes.
<b>Skin Protection</b>	No special protection is required.
<b>Respiratory Protection</b>	In general, special respiratory protection is not required and normal ventilation is expected to be adequate for safe handling under normal conditions of use.

### Section 9: Physical and Chemical Properties

<b>Physical State</b>	Liquid
<b>Appearance/Color</b>	Colorless
<b>Odor</b>	Odorless
<b>Odor Threshold</b>	Not applicable.
<b>Melting/Freezing Point</b>	0°C
<b>Boiling Point/Range</b>	100°C
<b>Flammability</b>	Not flammable
<b>Flammable/Explosive Limits</b>	Not applicable
<b>Flash Point</b>	Not applicable
<b>Auto-Ignition Temperature</b>	Not applicable
<b>Decomposition Temperature</b>	2000°C
<b>pH</b>	Neutral
<b>Viscosity</b>	1 cP at 20°C
<b>Solubility (in water)</b>	Miscible
<b>Partition Coefficient (n-octanol/water)</b>	Not applicable
<b>Relative Density</b>	1
<b>Vapor Pressure</b>	Data not available
<b>Vapor Density</b>	1
<b>Evaporation Rate</b>	Data not available
<b>Particle Characteristics</b>	Not applicable.

### Section 10: Stability and Reactivity

<b>Reactivity</b>	Based on available data, no reaction hazards have been identified.
<b>Chemical Stability</b>	Stable under normal conditions of handling and storage.
<b>Hazardous Reactions</b>	Based on available data, no reaction hazards have been identified that would occur during normal handling and storage.
<b>Conditions to Avoid</b>	Avoid contact with incompatible materials.
<b>Incompatible Materials</b>	Water reactive substances.
<b>Hazardous Decomposition</b>	None.

### Section 11: Toxicological Information

<b>Acute Toxicity - Oral</b>	Ingesting more than 1L per hour can cause hyponatremia which can be fatal.
<b>Acute Toxicity - Dermal</b>	Not hazardous.
<b>Acute Toxicity - Inhalation</b>	Inhalation of excessive amounts of water lead to death by drowning.
<b>Skin Corrosion/Irritation</b>	This material is not expected to cause skin irritation under normal conditions.
<b>Eye Damage/Irritation</b>	This material is not expected to cause eye damage or irritation under normal usage conditions.
<b>Respiratory Sensitization</b>	Not expected to cause respiratory sensitization.
<b>Skin Sensitization</b>	Not expected to cause skin sensitization.
<b>Germ Cell Mutagenicity</b>	Not hazardous.
<b>Carcinogenicity</b>	This material has not been identified as a carcinogen by IARC or NTP.
<b>Reproductive Toxicity</b>	Not hazardous.
<b>STOT Single Exposure</b>	Not hazardous.
<b>STOT Repeated Exposure</b>	Not hazardous.
<b>Aspiration Hazard</b>	This substance is not considered to be an aspiration hazard.
<b>Other Information</b>	Not hazardous.

## Section 12: Ecological Information

<b>Toxicity Values</b>	Not an ecotoxin.
<b>Persistence/Biodegradability</b>	Not applicable.
<b>Bioaccumulation Potential</b>	Not expected to adversely bioaccumulate.
<b>Mobility in Soil</b>	Completely mobile in soil.
<b>Other Adverse Effects</b>	None known.

## Section 13: Disposal Considerations

Not hazardous unless mixed with other materials. If mixed with other materials, chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Dispose in accordance with national, state, regional and local regulations.

## Section 14: Transport Information

<b>Proper Shipping Name, Hazard Class</b>	NOT REGULATED
<b>Marine Pollutant</b>	Not classified as a marine pollutant.

## Section 15: Regulatory Information

<b>USA TSCA</b>	On or in compliance with the inventory.
<b>USA SARA 302/304</b>	Does not apply.
<b>USA SARA 311/312</b>	Does not apply.
<b>USA SARA 313 (TRI)</b>	Does not apply.
<b>Canada DSL/NDSL</b>	On or in compliance with DSL.
<b>California Proposition 65</b>	This product contains no substances on the list.

## Section 16: Other Information

<b>Acronyms</b>	ACGIH	American Conference of Governmental Industrial Hygienists (USA)
	ATE	Acute Toxicity Estimate (calculated toxicity value)
	BCF	Bioconcentration Factor
	CERCLA	Comprehensive Environmental Response, Compensation and Liability Act (USA)
	DOT	Department of Transportation (USA)
	DSL	Domestic Substances List (Canada)
	EHS	Extremely Hazardous Substance
	EPA	Environmental Protection Agency (United States)
	GHS	Globally Harmonized System
	IARC	International Agency for Research on Cancer
	IDLH	Immediately Dangerous to Life and Health
	NTP	National Toxicology Program (USA)
	OSHA	Occupational Safety and Health Administration (USA)
	PEL	Permissible Exposure Limit
	PNOR	Particulates Not Otherwise Classified
	PPE	Personal Protective Equipment
	ppb	Parts per billion
	ppm	Parts per million
	RQ	Reportable Quantity
	SARA	Superfund Amendments and Reauthorization Act (USA)
	TLV	Threshold Limit Value
	TPQ	Threshold Planning Quantity
	TRI	Toxic Release Inventory (USA)
TSCA	Toxic Substances Control Act (USA)	
TWA	Time Weighted Average	
UN	United Nations	

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*The information contained herein is believed to be accurate and represents the best data currently available to Reagents but does not purport to be all inclusive. This document is intended only as a guide to the appropriate precautionary handling of the material by properly trained personnel using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. Reagents makes no representations or warranties, either express or implied, including without limitation any warranties of merchantability, fitness for a particular purpose with respect to the information set forth herein or the product to which the information refers. Accordingly, Reagents will not be responsible for damages resulting from use of or reliance upon this information.*