MATERIAL SAFETY DATA SHEET

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

- **Product name: Water**
- **Product Description:** Aqua pura**,** Dihydrogen Monoxide; H_20
- **Manufacturer:** Deep South Chemical, Inc.
  229 Millstone Road
  Broussard, LA 70518
  Phone: 337.837.9931
- **For Emergency: Call CHEMTREC 1-800-424-9300 Outside the U.S.A. (703)-527-3887**
- **Contact Person:** Glenn Ray
- **MSDS Revised:** January 1, 2014

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

			PEL(OSHA)		TLV(ACGIH)		
Components	**CAS Number**	**%**	**TWA**	**STEL**	**TWA**	**STEL**	**IDLH**
Water	7732-18-5	100	Non-hazardous				

SECTION 3. HAZARDS IDENTIFICATION, INCLUDING EMERGENCY OVERVIEW

Effects of overexposure

Inhalation: Over exposure can result in asphyxiation and is often fatal.
Skin Contact: Prolonged and constant contact may result in mild dermatitis.
Eye Contact: Exposure may cause irritation to eyes.
Ingestion: Water is a nontoxic chemical when uncontaminated. Water should never be ingested unless it is designated as drinking water. Excessive ingestion may cause mild diarrhea and gastric distress.

SECTION 4. FIRST AID MEASURES

Eyes: Stop contact with the water.
Inhalation: Move victim away from source of exposure and into fresh air. If victim is not breathing, artificial respiration should be administered.
Skin: Stop contact with the water.
Ingestion: None.

SECTION 5. FIRE FIGHTING MEASURES

Flash Point: Not applicable
Autoignition Temperature: Not applicable
Flammable limits in air (% by Vol.): Not applicable
Extinguishing Media: Not applicable
Special firefighting procedures: Not applicable
Unusual Fire and Explosion Hazard: Rapid temperature rise of liquid can result in explosive vaporization, particularly if in a sealed container

SECTION 6. ACCIDENTAL RELEASE MEASURES

Steps to be taken if material is released or spilled: Spilled water can cause a slipping hazard. Small quantities can be mopped or wiped up with rags. Large quantities should be directed to collecting basin or drain with dikes or swabs.

Waste disposal method: Process contaminated material through treatment plant prior to discharge into environment. Discharge permit may be required.

SECTION 7. HANDLING AND STORAGE

Storage: Do not allow filled, closed containers to solidify as compound expands upon freezing..
Handling: A high pressure containment vessel should be used for the vapor at high temperatures.
Other precautions: Compound readily exists in all three phases at atmospheric pressure. Phase changes occur over a narrow ($100^oC/212^oF$) temperature range.
Compound is known as "the universal solvent" and does dissolve, at least to some extent, most common materials.
Compound will conduct electricity when dissolved ionic solutes are present.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation requirements: Remove hot vapor from environment using local exhaust systems.

Specific personal protective equipment:

Respiratory: *None required.*
Eyes: *Goggles or full face splash shield when dealing with hot liquid.*
Hands: *Use insulating gloves when extensive exposure to solid state or high temperature liquid state is contemplated.*
Other clothing and equipment: *Use heat protective garment when exposed to large quantities of heated vapor.*

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling point (760 mm Hg): 100^oC (212^oF)
Melting point: 0^oC (32^oF)
Specific gravity (H2O = 1): 1.0
Vapor pressure @ 100^oC (212^oF): 760 mm Hg
Vapor pressure @ 20^oC (68^oF): 17.5 mm Hg
Solubility in water (% by wt.): 100%
% Volatiles by volume: 100%
Evaporation rate (Butyl acetate = 1): Not available
Appearance and Odor: Clear liquid; No odor

SECTION 10. STABILITY AND REACTIVITY

Stability and Reactivity: Stable in normal conditions.
Incompatible Materials: Strong acids and bases can cause rapid heating. Reaction with sodium metal can result in explosions.
Hazardous Decomposition Products: Not applicable.
Hazardous Polymerization: None described.

DEEPSOUTH CHEMICAL

SECTION 11. TOXICOLOGICAL INFORMATION

Hazardous Ingredients: N/A
Immediate Health Effects: N/A
Delayed Health Effects. N/A
Acute Effects (Short term): N/A
Chronic Effects (Long term): N/A

SECTION 12. ECOLOGICAL INFORMATION

Persistence and Degradability: N/A
Biodegradation: N/A
Bioaccumulative Potential: N/A
Aquatic Toxicity: N/A

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal: If spilled, dispose according to local regulations. Recycle waste containers and clean out residues.

SECTION 14. TRANSPORT INFORMATION

DOT Transport Information: NON REGULATED

SECTION 15. REGULATORY INFORMATION

N/A

SECTION 16. OTHER INFORMATION

NFPA RATING: Health (0) Fire (0) Reactivity (0)

This MSDS was prepared to demonstrate the "worst case" conditions described in the usual MSDS.

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N/D= No data; N/A = Not available; N/E= Not established