

Safety Data Sheet

1. IDENTIFICATION:

Product Name: ProCal H₂O Standard
Synonyms: 100% Transmission Standard
 Demineralized Water
CAS Number: Mixture
Catalog Numbers: 29953F 29957F W2T8982 W2T8983 W2T8495
Product Use: Analytical \ Laboratory Reagent
Manufacturer: HF Scientific, Inc
Address: 3170 Metro Parkway Fort Myers, Fl 33916

General Information: 888-203-7248
Transportation Emergency Number: CHEMTREC® 24 hr US 800-424-9300
 CHEMTREC® 24 hr International 703-527-3887

2. HAZARDS IDENTIFICATION

GHS Classification

Health	Environmental	Physical
Acute Toxicity: Category 5 (Skin & Oral) Eye Corrosion: Category 2B Skin Corrosion: Category 3	Aquatic Toxicity: None	Flammable Liquid: No

GHS Label

Pictogram: None	Signal Word: WARNING
Hazard Statements May be harmful in contact with skin May be harmful if swallowed Causes mild skin irritation Causes eye irritation	Precautionary Statements IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. If eye irritation persists, get medical advice/attention.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	Cas Number	Weight %
Deionized Water	7732-18-5	99.9
Formaldehyde 37% Solution	Mixture	0.1

4. FIRST AID MEASURES

Eye Contact: Immediately Flush with Excess Water for 15 Minutes
Skin Contact: Immediately Flush with Excess Water for 15 Minutes. Remove Contaminated Clothing.
Inhalation: Remove to Fresh Air
Ingestion: Give Large Quantities of Water. Call Physician.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Foam or Dry Chemical
Fire Fighting Procedures: Wear self contained breathing apparatus for fire fighting if necessary.
Unusual Fire and Exposure Hazards: None
Combustion Products: None
NFPA Classification HEALTH: 2 **FLAMMABLE:** 1 **REACTIVITY:** 0

6. ACCIDENTAL RELEASE MEASURES

Wear Proper Personal Protective Equipment. See Section 8 for Additional Information. Remove Liquid with Absorbent Material and Seal in a Bag or Container for Disposal. Wash Spill Area Once Pickup is Complete.

7. HANDLING AND STORAGE

Handling: Wear Safety Glasses, Latex or Nitrile Gloves, and Lab Coat or Apron. Avoid Contact with Skin and Eyes. Do Not Ingest.
Storage: Store at Room Temperature. Do not Freeze.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: N/A
Engineering Controls: N/A
Personal Protective Equipment:
Eyes: Safety Glasses
Skin: Latex or Nitrile Gloves and Lab Coat or Apron

9. PHYSICAL AND CHEMICAL PROPERTIES

Flashpoint: N/A
Autoignition Temperature: N/A
Boiling Point: 100°C, 212°C
Melting Point: N/A
Vapor Pressure: 760 mm Hg

Vapor Density: N/A
% Solubility in Water: 100%

Pour Point: N/A
Molecular Formula: Mixture
Odor / Appearance: Clear, odorless liquid

Lower Flammability Limit: N/A
Upper Flammability Limit: N/A
Specific Gravity: 1.0
% Volatile: N/A
Evaporation Rate (Water=1): N/A
Viscosity: N/A
Octanol / Water Partition Coefficient: N/A
pH: Neutral (6.5-7.5)
Molecular Weight: Mixture

10. STABILITY AND REACTIVITY

Stability / Incompatibility: Product Stable Under General Use and Storage Conditions. **Hazardous Reactions / Decomposition Products:** Hazardous polymerization will not occur

11. TOXICOLOGICAL INFORMATION

Symptoms of Overexposure: Irritation of the skin, eyes and gastrointestinal tract.
Acute Effects: May cause skin, eye and gastrointestinal tract irritation
Eye Contact: May cause eye irritation
Skin Contact: May cause skin irritation
Inhalation: N/A
Ingestion: May cause gastrointestinal tract irritation
Target Organs Effects: Skin, Eyes and Gastrointestinal Tract
Chronic Effects: N/A
Medical Conditions Aggravated by Exposure: Pre-existing skin, eye and gastrointestinal tract conditions
Acute Toxicity Values: N/A

12. ECOLOGICAL INFORMATION

No Ecological Data Available

13. DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with Federal, State and Local Regulations.

14. TRANSPORT INFORMATION

US DOT (United States Department of Transportation): Not Regulated
IATA (International Air Transport Association): Not Regulated
IMO (International Maritime Organization): Not Regulated

15. REGULATORY INFORMATION

CERCLA: NO
SARA/Title III: No
TSCA Inventory: Yes
Cal. Proposition 65: No
WHMIS: No
DSL: No
NDSL: No

16. OTHER INFORMATION

THE ABOVE INFORMATION IS BELIEVED TO BE ACCURATE AND REPRESENTS THE BEST INFORMATION CURRENTLY AVAILABLE TO US. ALL PRODUCTS ARE OFFERED IN ACCORDANCE WITH THE MANUFACTURER'S CURRENT PRODUCTION SPECIFICATIONS AND ARE INTENDED SOLELY FOR USE IN ANALYTICAL TESTING. THE MANUFACTURER SHALL IN NO EVENT BE LIABLE FOR ANY INJURY, LOSS OR DAMAGE RESULTING FROM THE HANDLING, USE OR MISUSE OF THESE PRODUCTS.