

**1. IDENTIFICATION:**

**Product Name:** 0.02 NTU ProCal Standard  
**Synonyms:** 100% Transmission Standard  
**Reference Standard**  
**Turbidity Free Water**  
**CAS Number:** Mixture  
**Catalog Numbers:** 60002 60012 60013 53030 53090 50047 24380 19323  
 60003 70908 70908A 39950  
**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
<b>Hazard Statements</b> May be harmful in contact with skin May be harmful if swallowed Causes mild skin irritation Causes eye irritation	<b>Precautionary Statements</b> Call a POISON CENTER/doctor/physician if you feel unwell. If skin irritation occurs, get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. Wash hands after handling

**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.