

1. IDENTIFICATION:

Product Name: POLYMER FOR STREAMING CURRENT MONITOR CALIBRATION KIT

Synonyms: N/A

CAS Number: Mixture

Catalog Numbers: 19922 19926 22472

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 (Dermal): Category 5 Skin Irritation: Category 3 Eye Irritation: Category 2B	Aquatic Toxicity: None	Flammable Liquid: No

GHS Label

Pictogram:	Signal Word:
No Symbol	WARNING
Hazard Statements	Precautionary Statements
May be harmful in contact with skin. Causes mild skin irritation. Causes eye irritation	IF ON SKIN: Remove contaminated clothing. Flush contaminated area with copious quantities of water for 15 minutes. Call a physician. IF IN EYES: Immediately flush eyes gently with copious quantities of water for a minimum of 15 minutes. Use fingers to assure that eyelids are separated and that eye is being irrigated. Call a physician.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	Cas Number	Weight %
Nalcolyte® Coagulant	Mixture	>99%
FD & C Blue No 1	Mixture	<1%

4. FIRST AID MEASURES

Eye Contact: Immediately flush eyes gently with copious quantities of water for a minimum of 15 minutes. Use fingers to assure that eyelids are separated and that eye is being irrigated. Call a physician.

Skin Contact: Remove contaminated clothing. Flush contaminated area with copious quantities of water for 15 minutes. Call a physician.

Inhalation: Move patient immediately to uncontaminated atmosphere. Except in minor cases of exposure without symptoms, seek medical advice promptly.

Ingestion: Do not induce vomiting. Seek medical attention promptly. If vomiting occurs, take steps to avoid aspiration of vomited material into the respiratory tract. To prevent choking, position body so that material is freely ejected. Give milk, water containing milk of magnesia or olive oil.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Foam, CO₂, Dry chemical, or Water fog

Fire Fighting Procedures: As in any fire, wear self-contained breathing apparatus pressure-demand and full protective gear.

Unusual Fire and Exposure Hazards: N/A

Combustion Products: Thermal decomposition or combustion may produce carbon monoxide, carbon dioxide, hydrogen chloride, ammonia and/or nitrogen oxides.

NFPA Classification HEALTH: 0 FLAMMABLE: 1 REACTIVITY: 0

6. ACCIDENTAL RELEASE MEASURES

Use Personal Protective Equipment Such as Safety Glasses, Dust Mask, Latex or Nitrile Gloves, and Lab Coat. Avoid Dust Formation. Avoid Breathing Dust. Ensure Adequate Ventilation. Pick Up and Arrange Disposal Without Creating Dust. Keep in Suitable, Closed Containers for Disposal.

7. HANDLING AND STORAGE

Handling: Avoid Formation of Dust and Aerosols. Provide Appropriate Exhaust Ventilation at Places Where Dust is Formed. Normal Measures for Preventive Fire Protection.

Storage: Keep Container Tightly Closed in a Dry, Well Ventilated Place. Light and Moisture Sensitive.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: Not established

Engineering Controls: Maintain General Industrial Hygiene Practices When Using This Product.

Personal Protective Equipment:

Eyes: Safety glasses

Skin: Lab Coat, and Latex or Nitrile Gloves

Respiratory: N/A

9. PHYSICAL AND CHEMICAL PROPERTIES

Flashpoint: 200°F

Autoignition Temperature: N/A

Boiling Point: >212°F

Melting Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

% Solubility in Water: 100%

Pour Point: N/A

Molecular Formula: Mixture

Odor / Appearance: Clear to hazy, amber liquid with slight amine odor

Lower Flammability Limit: N/A

Upper Flammability Limit: N/A

Specific Gravity: 1.14 – 1.18 @ 25°C

% Volatile: -50

Evaporation Rate (Water=1): N/A

Viscosity: N/A

Octanol / Water Partition Coefficient: N/A

pH: N/A

Molecular Weight: Mixture

10. STABILITY AND REACTIVITY

Stability / Incompatibility: Stable under ordinary conditions of use and storage.

Containers may burst when heated. Incompatible to strong oxidizers. This material reacts slowly with iron, copper and aluminum, resulting in corrosion and product degradation.

Hazardous Reactions / Decomposition Products: Thermal decomposition or combustion may produce carbon monoxide, carbon dioxide, hydrogen chloride, ammonia and/or nitrogen oxides. Hazardous polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

Symptoms of Overexposure: Irritation of eyes.

Acute Effects: Irritation of eyes.

Eye Contact: Irritation of eyes.

Skin Contact: Repeated or prolonged exposures may cause mild skin irritation.

Inhalation: N/A

Ingestion: N/A

Target Organs Effects: Eyes and skin.

Chronic Effects: Irritation of skin and eyes.

Medical Conditions Aggravated by Exposure: Pre-Existing Eye and Skin Conditions

Acute Toxicity Values: N/A

12. ECOLOGICAL INFORMATION

The tests for (products or similar products) were performed in clean water as set forth by USEPA (EPA/600/4-90/027). In order to evaluate the potential toxicity mitigation, the tests for (representative polymers) were performed in environmentally relevant water with dissolved organic carbon (DOC: 4.5 mg/l). The toxicity of this product is due to an external mode of action, e.g., suffocation or immobilization. In the presence of suspended material, e.g., DOC, the polymers are bound to suspended material and the bioavailability is substantially reduced. As a result, the toxicity is expected to be lower. Under normal use and discharge conditions, the LC50 values of the representative polymers tested in the presence of DOC are expected to apply to this product. However, for large spills, the clean water data is more applicable.

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: None reported

SARA/Title III: None

TSCA Inventory: Not Listed

Cal. Proposition 65: None

WHMIS: N/A

DSL: N/A

NDSL: N/A

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.

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