

Safety Data Sheet

1. IDENTIFICATION:

Product Name: ELECTROLYTE GEL
Synonyms: N/A
CAS Number: Mixture
Catalog Numbers: 10232 W2T13044 U28039
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 irritation: Category 3 Eye irritation: Category 2B	Aquatic toxicity: None	Flammable: No

GHS Label

Pictogram: None	Signal Word: WARNING
Hazard Statements: May be harmful if swallowed May be harmful in contact with skin Causes mild skin irritation Causes eye irritation	Precautionary Statements IF IN EYES flush with copious quantities of water. Seek medical assistance if irritation develops.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	Cas Number	Weight %
Glycerol	56-81-5	44%
Water	7732-18-5	40%
Propylene glycol	57-55-6	10%
Potassium chloride	7447-40-7	<5%
Hydroxyethyl cellulose	9004-62-0	<1%
Silver chloride	7783-90-6	<1%

4. FIRST AID MEASURES

Eye Contact: Flush with Copious Quantities of Water. Seek Medical Assistance if Irritation Develops
Skin Contact: Remove Contaminated Clothing and Shoes Immediately. Wash Affected Area with Soap or Mild Detergent and Large Quantities of Water. Seek Medical Attention if Irritation Develops.
Inhalation: Remove to Fresh Air. Give Artificial Respiration if Breathing has Stopped. Seek Medical Assistance.
Ingestion: If Conscious, immediately Give Large Quantities of Water. Seek Medical Assistance.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Water Spray, Dry Chemical, Foam, or Carbon Dioxide
Fire Fighting Procedures: N/A
Unusual Fire and Exposure Hazards: N/A
Combustion Products: N/A
NFPA Classification HEALTH: 2 **FLAMMABLE:** 1 **REACTIVITY:** 1

6. ACCIDENTAL RELEASE MEASURES

Wear Respirator, Safety Goggles, Rubber Boots, and Heavy Rubber Gloves. Absorb With Sand or Vermiculite and Place in Closed Containers for Disposal. Ventilate Area and Wash Spill Site After Material Pick Up is Complete.

7. HANDLING AND STORAGE

Handling: Wear Safety Goggles, Latex or Nitrile Gloves, and Lab Coat or Apron.
Storage: Keep Containers Tightly Closed in a Cool, Dry, Ventilated Area. Protect from Physical Damage and Direct Sunlight. Isolate From Incompatible Substances.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:
OSHA Permissible Exposure Limit (PEL): 0.01 mg/m³
ACGIH Threshold Limit Value (TLV): 10 mg/m³

Engineering Controls: N/A

Personal Protective Equipment:

Eyes: Wear safety goggles
Skin: Wear Latex or Nitrile gloves and lab coat or apron
Respiratory: N/A

9. PHYSICAL AND CHEMICAL PROPERTIES

Flashpoint: 210°F
Autoignition Temperature: N/A
Boiling Point: N/A
Melting Point: N/A
Vapor Pressure: N/A

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

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

Lower Flammability Limit: 2.6%
Upper Flammability Limit: 12.5%
Specific Gravity: 1.12
% Volatile: N/A
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 Normal Conditions of Use and Storage. Avoid Heat, Open Flame, Direct Sunlight, and Incompatibilities.
Hazardous Reactions / Decomposition Products: Hazardous Decomposition Products of Carbon Oxides, Hydrogen Chloride, and Oxides of Potassium. Hazardous Polymerization Will Not Occur.

11. TOXICOLOGICAL INFORMATION

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

12. ECOLOGICAL INFORMATION

No Ecological Data Found

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: No
Cal. Proposition 65: No
WHMIS: No
DSL: Yes
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.