

1. IDENTIFICATION:

Product Name: DPD TOTAL CHLORINE REAGENT

Synonyms: N/A

CAS Number: Mixture

Catalog Numbers: 10120 10303 10304 10309 10310 10315 103016
 10404 10406 10425 10427 10442 10443 10444A
 10446A 10448A 10502 10502C 10503 10506 10506T
 10507 10507T 11908 11915 10506C 10508

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 Skin Sensitizer: Category 1B Eye Irritation: Category 2B	Aquatic Toxicity: None	Flammable Liquid: No

GHS Label

Pictogram:	Signal Word:
	WARNING
Hazard Statements	Precautionary Statements
May be harmful in contact with skin. Causes mild skin irritation. Causes eye irritation. May cause an allergic skin reaction.	IF ON SKIN: Wash Skin with Soap and Water. Call a Physician. IF IN EYES: Immediately Flush Eyes with Water for 15 Minutes. Call a Physician. DISPOSE of contents/container in accordance with local, regional, national and international regulation.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	Cas Number	Weight %
Buffer Salts	Mixture	> 60%
Potassium Iodide	7681-11-0	20-30%
N,N-Diethyl-p-phenylenediamine Sulfate Salt	6283-63-2	< 5%
Ethylenediaminetetraacetic Acid	6381-92-6	< 5%

4. FIRST AID MEASURES

Eye Contact: Immediately Flush Eyes with Water for 15 Minutes. Call a Physician.

Skin Contact: Wash Skin with Soap and Water. Call a Physician.

Inhalation: Remove to Fresh Air.

Ingestion: Give Large Quantities of Water or Milk. Call a Physician.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Water, Dry Chemical, Alcohol Foam, or Carbon Dioxide

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: Toxic Fumes May Occur When Decomposed.

NFPA Classification HEALTH: 1 **FLAMMABLE:** 1 **REACTIVITY:** 0

6. ACCIDENTAL RELEASE MEASURES

Scoop into a Beaker and Dissolve in Water. Always Use Appropriate Safety and Personal Protective Equipment

7. HANDLING AND STORAGE

Handling: Use Only in Adequate Ventilation. Avoid Contact with Eyes, Skin, and Clothing. Avoid Breathing Dust. Wash Thoroughly after Handling.

Storage: Store in a Cool, Dry Environment. Avoid Sunlight.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: Not established

Engineering Controls: General Mechanical Ventilation Satisfactory with Normal Use.

Personal Protective Equipment:

Eyes: Safety glasses

Skin: Lab Coat, and Latex or Nitrile Gloves

Respiratory: Dust Mask

9. PHYSICAL AND CHEMICAL PROPERTIES

Flashpoint: N/A

Autoignition Temperature: N/A

Boiling Point: N/A

Melting Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

% Solubility in Water: Soluble

Pour Point: N/A

Molecular Formula: Mixture

Odor / Appearance: Odorless, white to pale pink powder

Lower Flammability Limit: N/A

Upper Flammability Limit: N/A

Specific Gravity: N/A

% Volatile: N/A

Evaporation Rate (Water=1): N/A

Viscosity: N/A

Octanol / Water Partition Coefficient: N/A

pH: 6.0 – 6.6

Molecular Weight: Mixture

10. STABILITY AND REACTIVITY

Stability / Incompatibility: Product Stable Under General Use and Storage Conditions. Avoid Exposure to Light, Heat, and Moisture. Avoid Contact with Oxidizing Agents.

Hazardous Reactions / Decomposition Products: Hazardous Polymerization Will Not Occur. Toxic Fumes May Occur When Decomposed.

11. TOXICOLOGICAL INFORMATION

Symptoms of Overexposure: Irritation of eye and skin.

Acute Effects: None reported

Eye Contact: Irritation of eyes.

Skin Contact: Mild irritation of skin

Inhalation: N/A

Ingestion: N/A

Target Organs Effects: Eyes and Skin

Chronic Effects: May Cause Allergic Skin Reaction in Certain Individuals Causing Skin Irritation and or Rashes.

Medical Conditions Aggravated by Exposure: Pre-Existing Eye, Skin, or Respiratory System 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: None reported

SARA/Title III: N/A

TSCA Inventory: N/A

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.