Safety Data Sheet

1. IDENTIFICATION:

Product Name: DPD FREE CHLORINE REAGENT
Synonyms: N/A
CAS Number: Mixture
Catalog Numbers: 34441 34442 34443 34444 34451 34452 202219 202220
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 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 if swallowed May be harmful in contact with skin May be harmful if inhaled 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 INHALED Remove to Fresh Air IF IN EYES Immediately Flush Eyes with Water for 15 Minutes. Call a Physician

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	Cas Number	Weight %
Buffer Salts	Mixture	> 90%
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, Alcohol-Resistant Foam, Dry Chemical 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: N/A
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. For Additional Information, Refer to Section 8.

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. Safety Shower Should be Located in Work Area.
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: Solid 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, skin and respiratory tract.
Acute Effects: None reported
Eye Contact: Irritation of eyes.
Skin Conatct: Irritation skin
Inhalation: Irritation of respiratory tract.
Ingestion: N/A
Target Organs Effects: Eyes, Skin and Respiratory Tract
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 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
SARA/Title III: None
TSCA Inventory: None
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.

Rev. 17 January 17th, 2014