

Material Safety Data Sheet

1. PRODUCT IDENTIFICATION: DPD Total Chlorine Reagent

Catalog Numbers-HF scientific: 10120 10303 10304 10309 10310 10315
 10316 10404 10406 10425 10427 10442
 10443 10444A 10446A 10448A 10502 10502C
 10503 10506 10506T 10507 10507T 11908
 11915

Catalog Numbers-USA BlueBook: 34445 34446 34447 34448 344453 34454

PRODUCT USE: Analytical / Laboratory Reagent

NFPA RATINGS: HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0

2. HAZARDS IDENTIFICATION

TARGET ORGANS: Skin, Eye
 ACUTE TOXICITY: None Reported
 CHRONIC TOXICITY: 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

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component		Percent
CAS No.	N, N-Diethyl-p-Phenylenediamine Confidential	<5
Component	Carboxylate Salt	40-50
CAS No.	Confidential	
Component	Sodium Phosphate, Dibasic	20-30
CAS No.	7558-79-4	
Component	Ethylenediaminetetraacetic Acid	<5
CAS No.	6381-92-6	
Component	Potassium Iodide	20-30
CAS No.	7681-11-0	

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

FLASH POINT: NA
 AUTOIGNITION POINT: NA
 FLAMMABILITY LIMITS: UPPER: NA LOWER: NA
 EXTINGUISHING MEDIA: Water, Dry Chemical, Alcohol Foam, or Carbon Dioxide

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

OSHA & ACGIH LIMIT: NA
 PERSONAL PROTECTIVE EQUIPMENT: Safety Glasses, Laboratory Coat, Latex or Nitrile Gloves, Dust Mask. Safety Shower Should be Located in Work Area. General Mechanical Ventilation Satisfactory with Normal Use.

9. PHYSICAL AND CHEMICAL PROPERTIES

MOLECULAR WEIGHT: 209u
 PHYSICAL STATE: Solid
 COLOR: White to Pale Pink Powder
 Odor: Odorless
 FLASH Point: NA
 FLAMMABLE LIMITS: NA
 AUTOIGNITION TEMPERATURE: NA

VAPOR PRESSURE: NA
 BOILING POINT: NA
 VAPOR DENSITY (AIR=1): NA
 SPECIFIC GRAVITY (H2O=1): NA
 FREEZING POINT: NA
 MELTING POINT: Not Determined
 SOLUBILITY IN WATER: Soluble
 pH: 6.0-6.6
 EVAPORATION RATE: NA
 DYNAMIC VISCOSITY: NA
 KINEMATIC VISCOSITY: NA

10. STABILITY AND REACTIVITY

Product Stable Under General Use and Storage Conditions. Avoid Exposure to Light, Heat, and Moisture. Avoid Contact with Oxidizing Agents. Hazardous Polymerization Will Not Occur. Toxic Fumes May Occur When Decomposed.

11. TOXICOLOGICAL INFORMATION

Route of Exposure: Skin, Eyes, Ingestion, Inhalation
 Teratogen Status: None
 Mutagen Status: None
 Reproductive Toxicity: None
 Carcinogen Status: None

12. ECOLOGICAL INFORMATION

No Ecological Data Available

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with all federal, state and local regulations.

14. TRANSPORT INFORMATION

Not Regulated

15. REGULATORY INFORMATION

US / CANADA INFORMATION:

SARA/Title III: 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.