

1. IDENTIFICATION:

Product Name: DPD POWDER FOR FREE AND TOTAL ANALYZERS

Synonyms: N,N-Diethyl-p-phenylenediamine Sulfate Salt

4-Amino-N,N-diethylanilinesulfate salt

CAS Number: 6283-63-2

Catalog Numbers: 14275 09935 09936 09937 09938 00947 00948
09951 09951H 09952 09952H 09953 09953H 09954
09954H 09955 09955H 09956 09956H 09991 09942
09992 09956T 09991T

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 Acute Toxicity (oral): Category 4 Skin Irritation: Category 3 Skin Sensitizer: Category 1B Eye Irritation: Category 2B Specific Target Organ Toxicity: Category 3	Aquatic Toxicity: None	Flammable Liquid: No

GHS Label

Pictogram:	Signal Word:
	WARNING
Hazard Statements	Precautionary Statements
Harmful if swallowed May be harmful in contact with skin May be harmful if inhaled Causes mild skin irritation May cause allergic skin reaction Causes eye irritation May cause respiratory irritation	IF SWALLOWED Rinse Mouth with Water. Consult a Physician. Never Give Anything By Mouth to an Unconscious Person. IF ON SKIN wash Thoroughly With Soap and Water. Consult a Physician. IF INHALED Remove to Fresh Air. If Not Breathing, Give Artificial Respiration. Consult a Physician. IF IN EYES Rinse Thoroughly With Plenty of Water for at Least 15 Minutes. Consult a Physician. Store in a well-ventilated place. Dispose of contents/container in a manner consistent with Federal, State and Local Regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	Cas Number	Weight %
N,N-Diethyl-p-phenylenediamine Sulfate Salt	6283-63-2	100%

4. FIRST AID MEASURES

Eye Contact: : Rinse Thoroughly With Plenty of Water for at Least 15 Minutes. Consult a Physician.

Skin Contact: Wash Thoroughly With Soap and Water. Consult a Physician.

Inhalation: Remove to Fresh Air. If Not Breathing, Give Artificial Respiration. Consult a Physician.

Ingestion: Never Give Anything By Mouth to an Unconscious Person. Rinse Mouth with Water. Consult 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: During a fire, this product decomposes to form toxic gases.

Combustion Products: Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NOx), Sulphur oxides

NFPA Classification HEALTH: 2 FLAMMABLE: 0 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: Dust Mask

9. PHYSICAL AND CHEMICAL PROPERTIES

Flashpoint: N/A

Autoignition Temperature: N/A

Boiling Point: N/A

Melting Point: 184-187°C (363-369 °F)

Vapor Pressure: N/A

Vapor Density: N/A

% Solubility in Water: N/A

Pour Point: N/A

Molecular Formula: C₁₀H₁₆N₂ · H₂SO₄

Odor / Appearance: Solid white 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: N/A

Molecular Weight: 262.33 g/mol

10. STABILITY AND REACTIVITY

Stability / Incompatibility: Stable Under Recommended Storage Conditions. Avoid Strong Oxidizing Agents.

Hazardous Reactions / Decomposition Products: Hazardous Decomposition Products Formed Under Fire Conditions Such as Carbon Oxides, Nitrogen Oxides, and Sulfur Oxides.

11. TOXICOLOGICAL INFORMATION

Symptoms of Overexposure: Irritation and redness of eye and skin. Irritation of respiratory tract.

Acute Effects: Irritation and redness of eyes, skin and gastrointestinal tract.

Eye Contact: Irritation and redness of eyes.

Skin Contact: Irritation and redness of skin

Inhalation: Irritation of respiratory tract.

Ingestion: Toxic if swallowed

Target Organs Effects: Eyes, Skin and Respiratory Tract

Chronic Effects: May be Toxic if Ingested. May Cause Allergic Reaction.

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: Acute Health Hazard.
TSCA Inventory: 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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