

Safety Data Sheet

1. IDENTIFICATION

1.1 Product Identifier

Product Name: DPD POWDER FOR FREE AND TOTAL ANALYZERS

Catalog Numbers: 14275 09930 09931 09935 09936 09937 09938 09947 09948 09951 09951H 09952 09952H 09953 09953H 09954 09954H 09955 09955H 09956 09956H 09991 09942 09992 09956T 09991T 09947X 09994 09948X 09938X 09937X 09999 110186 110187

CAS Number: 6283-63-2

Chemical Formula: C₁₀H₁₆N₂ · H₂SO₄

Molecular Weight: 262.33 g/mol

1.2 Other Means of Identification

Synonyms: N,N-Diethyl-p-phenylenediamine Sulfate Salt, 4-Amino-N,N-diethylanilinesulfate salt

1.3 Recommended use of the chemical and restrictions on use

Product Use: Analytical / Laboratory Reagent

1.4 Supplier's Detail



Manufacturer:

Address: 16260 Airport Park Drive Suite 140 Fort Myers, FL 33913

General Information: 888-203-7248, Monday thru Friday 8:00am-5:00 pm EST

1.5 Emergency Phone Number

Transportation Emergency Number: CHEMTREC® 24 hr US 800-424-9300
CHEMTREC® 24 hr International 703-527-3887

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

Health:

Acute Toxicity (Oral): Category 4

Skin Corrosion/Irritation: Category 3

Skin Sensitizer: Category 1B

Eye Damage/Irritation: Category 2B

Specific Target Organ Toxicity (single exposure): Category 3

2.2 GHS label elements, including precautionary statements:



Pictogram:

Signal word: WARNING

Hazard Statements:

H302 – Harmful if swallowed

H316 – Causes mild skin irritation

H317 – May cause an allergic skin reaction

H320 – Causes eye irritation

Precautionary Statements:

P261 – Avoid breathing dust.

P264 – Wash hands thoroughly after handling

P270 – Do not eat, drink or smoke when using this product

P271 – Use only outdoors or in well-ventilated area.

P272 – Contaminated work clothing should not be allowed out of the workplace.

P280 – Wear protective gloves.

P305+P351+P338 – IF IN EYES rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P301+P312+P330 – IF SWALLOWED Rinse Mouth with Water. Call a POISON CENTER or doctor if you feel unwell.

P302+P352 – IF ON SKIN wash Thoroughly With plenty of water and soap. Consult a Physician.

P332+P313 – IF skin irritation or rash occurs, get medical attention.

P304+P340 – IF INHALED remove person to fresh air and keep comfortable for breathing.

P362+P364 – Take off contaminated clothing and wash it before reuse.

P403+P233 – Store in a well-ventilated place. Keep container tightly closed.

P405 – Store locked up

P501 – Dispose of contents/container in accordance with local, regional, national and international regulations.

2.3 Other hazards which do not result in classification: None

3. COMPOSITION / INFORMATION ON INGREDIENTS

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

4. FIRST AID MEASURES

4.1 Description of necessary 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.

4.2 Most important symptoms/effects, acute and delayed

Described in section 2.2 and/or section 11

4.3 Indication of immediate medical attention and special treatment needed

None

5. FIRE-FIGHTING MEASURES

5.1 Suitable Extinguishing Media:

Water, Alcohol-Resistant Foam, Dry Chemical or Carbon Dioxide

5.2 Specific hazards arising from the chemical:

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

5.3 Special protective actions for fire-fighters:

Fire Fighting Procedures: As in any fire, wear self-contained breathing apparatus pressure-demand and full protective gear.

NFPA Classification HEALTH: 2 FLAMMABLE: 0 REACTIVITY: 0
REACTIVITY

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Use Personal Protective Equipment Such as Safety Glasses, Dust Mask, Latex or Nitrile Gloves, and Lab Coat. Avoid Dust Formation. Avoid Breathing Dust.

6.2 Environmental precautions:

Ensure Adequate Ventilation.

6.3 Methods and materials for containment and cleaning up

Pick Up and Arrange Disposal Without Creating Dust. Keep in Suitable, Closed Containers for Disposal.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling:

Avoid Formation of Dust and Aerosols. Provide Appropriate Exhaust Ventilation at Places Where Dust is Formed. Normal Measures for Preventive Fire Protection.

7.2 Conditions for safe storage, including any incompatibilities:

Keep Container Tightly Closed in a Dry, Well Ventilated Place. Light and Moisture Sensitive.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters: No data available

8.2 Appropriate engineering Controls

Maintain General Industrial Hygiene Practices When Using This Product.

8.3 Personal Protective Equipment:

Eyes: Safety glasses

Skin: Lab Coat, and Latex or Nitrile Gloves

Respiratory: Dust Mask

Thermal Hazard: None

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: Solid white powder

Odor: Odorless

Odor threshold: No data available

pH: No data available

Melting point/freezing point: 184-187°C (363-369°F)

Initial boiling point and boiling range: No data available

Flashpoint: No data available

Evaporation Rate (Water=1): No data available

Flammability: No data available

Lower Flammability Limit: No data available

Upper Flammability Limit: No data available

Vapor Pressure: No data available

Vapor Density: No data available

Relative Density: No data available

Water solubility: No data available

Octanol / Water Partition Coefficient: No data available

Autoignition Temperature: No data available

Decomposition Temperature: No data available

Viscosity: No data available

Explosive properties: No data available

Oxidizing properties: No data available

10. STABILITY AND REACTIVITY

10.1 Reactivity

No data available

10.2 Chemical Stability

Stable Under Recommended Storage Conditions.

3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

Avoid Strong Oxidizing Agents.

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

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

11. TOXICOLOGICAL INFORMATION

11.1 Information

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

Skin corrosion/irritation: irritation and redness of the skin.

Serious Eye damage/irritation: Irritation and redness of the eyes

Respiratory or skin sensitization: May Cause Allergic Reaction.

Germ cells mutagenicity: No data available

Carcinogenicity: No component in this product present greater than or equal to 0.10% is identified as a probable, possible or confirmed human carcinogen by IARC, ACGIH, NTP or OSHA.

Reproductive toxicity: No data available

Specific Target organ toxicity – single exposure: May cause allergic reaction

Specific Target organ toxicity – repeated exposure: No data available

Aspiration Hazards: No data available

12. ECOLOGICAL INFORMATION

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Other adverse effects

No data available

13. DISPOSAL CONSIDERATIONS

13.1 Disposal Methods

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

EU ADR: Not regulated

15. REGULATORY INFORMATION

CERCLA: No

SARA/Title III: Acute Health Hazard

TSCA Inventory: Listed

Cal. Proposition 65: None

WHMIS: No

DSL: No

NDSL: No

16. OTHER INFORMATION

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.

Preparation Information:

Document Number: 0344

Revision number: 25

Revision Objective: Update Revision Date

Date of Revision: July 22, 2024