

MATERIAL SAFETY DATA SHEET

MSDS

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Date-Issued: 09/05/1997
MSDS Ref. No: AOOO26226
Date-Revised: 09/05/1997
Revision No: New MSDS

DPD#1 Tablets

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: DPD#1 Tablets
GENERAL USE: Water Analysis

MANUFACTURER

Asepsis, Inc.
P.O. Box 537
Avondale Estates, GA 30002
Customer SERVICE: (800) 959-7946

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (Transportation) (800) 424-9300
Poison Control Center (Medical)(877) 800-5553

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Wt. %</u>	<u>CAS#</u>	<u>EINECS#</u>
N,N diethyl-p-phenylenediamine sulfate	1	6283-63-2	228-500-6

COMMENTS:

All other ingredients are proprietary NJTSRN 80100291-5003p.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE:
Small white tablet

IMMEDIATE CONCERNS:

As part of good personal hygiene and safety procedures, avoid all unnecessary exposure to the product and ensure prompt removal from eyes, skin and clothing.

POTENTIAL HEALTH EFFECTS

EYES:

May cause eye irritation. Avoid contact with eyes.

SKIN:

May cause skin irritation. Avoid contact with skin.

SKIN ABSORPTION:

May be harmful if absorbed through skin.

INGESTION:

May be harmful if swallowed.

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INHALATION:

This product is not expected to present an inhalation hazard.

CHRONIC:

There are no known chronic hazards.

ROUTES OF ENTRY:

Skin Contact and Ingestion.

4. FIRST AID MEASURES

EYES:

If contact with eyes occurs: Immediately flush with cold water for at least 15 minutes. Then get immediate medical attention.

SKIN:

If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

INGESTION:

If swallowed: Drink large quantities of water, then induce vomiting. Avoid alcohol. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.

INHALATION:

Not an expected route of overexposure.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: Not Applicable

GENERAL HAZARD:

There are no unusual fire and explosion hazards known.

EXTINGUISHING MEDIA:

Appropriate to surrounding fire.

FIRE FIGHTING EQUIPMENT:

Firefighters should wear full protective clothing and self contained breathing apparatus (SCBA). Thoroughly decontaminate fire fighting equipment including all fire fighting wearing apparel after the incident.

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6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL:

Sweep up, dissolve in water and flush down drain with excess water. Dispose of according to federal, state and local regulations.

7. HANDLING AND STORAGE

GENERAL PROCEDURES:

Avoid contact with eyes, skin or clothing.

HANDLING:

Use safe chemical handling procedures for the hazards presented by this material.

STORAGE:

Keep this product in its original container when not in use. Store in cool, dry, well-ventilated area. Keep this product and all other chemicals out of children's reach.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES:

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		SUPPLIER OEL	
		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
N,N diethyl-p-phenylenediamine sulfate	TWA	N/E ^[1]		N/E			

OSHA TABLE COMMENTS:

1. N/E = Not Established

ENGINEERING CONTROLS:

General room ventilation plus local exhaust should be used to minimize exposure to dust/vapors.

PERSONAL PROTECTIVE EQUIPMENT:

EYES AND FACE:

Wear goggles or safety glasses with side shields when handling this product.

SKIN:

Wear rubber gloves when handling this product. Avoid contact with skin.

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RESPIRATORY:
None required.

WORK HYGIENIC PRACTICES:

If product gets on clothing, remove and wash before reuse.

OTHER USE PRECAUTIONS:

Facilities storing or utilizing this material should be equipped with an eyewash and safety shower.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid
ODOR: Odorless
APPEARANCE: Small Tablet
COLOR: White
pH: 6(1 tablet in 10 ml water)
SOLUBILITY IN WATER: Soluble

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID:
Moisture, extreme heat or cold.

STABILITY:
This product is stable under normal conditions.

POLYMERIZATION:
Hazardous polymerization will not occur under normal conditions.

INCOMPATIBLE MATERIALS:
Other swimming pool/spa chemicals in their concentrated forms. Oxidizing compounds.

11. TOXICOLOGICAL INFORMATION

ACUTE
ORAL LD₅₀: The oral rat LD50 for N,N diethyl-p-phenylenediamine sulfate is 195 mg/kg.

SKIN EFFECTS:
Harmful if absorbed through skin.

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CARCINOGENICITY:

This product is not listed as a carcinogen by IARC.
This product is not listed as a carcinogen by NTP.
This product is not listed as a carcinogen by OSHA.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:

This product may be toxic to fish and aquatic organisms. Keep product from entering waterways and watersheds.

13. DISPOSAL CONSIDERATIONS

PRODUCT DISPOSAL:

Dispose of unused, uncontaminated product in compliance with local, state and federal regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)
PROPER SHIPPING NAME: Not Regulated.

15. REGULATORY INFORMATION

UNITED STATES

OSHA HAZARD COMM. RULE:

Product is hazardous by definition of the Hazardous Communication Standard.

FIFRA (FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT):

This product is not a registered pesticide.

16. OTHER INFORMATION

REVISION SUMMARY

New MSDS

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NFPA CODES

HEALTH: 1 FIRE: 0 REACTIVITY: 0

HMIS CODES

HEALTH: 1 FIRE: 0 REACTIVITY: 0 PROTECTION: B

MANUFACTURER DISCLAIMER:

IMPORTANT: This information is given without a warranty or guarantee. No suggestions for use are intended or shall be construed as a recommendation to infringe any existing patents or violate any Federal, State or local laws. Safe handling and use is the responsibility of the customer. Read the label before using this product. This information is true and accurate to the best of our knowledge.
