

MATERIAL SAFETY DATA SHEET

SECTION 1. IDENTITY OF MATERIAL

PRODUCT NAME OR NUMBER: 434-IT, DPD #4 TABLETS
SYNONYMS: N,N DIETHYL-P-PHENYLENEDIAMINE INDICATOR
FORMULA: CAS NUMBER:
CHEMICAL FAMILY:
REGULATED IDENTIFICATION: DOT PROPER SHIPPING NAME:

SHIPPING NUMBER: UN: NA: EPA HAZARDOUS WASTE ID NUMBER:

HAZARDOUS INGREDIENTS	%	TLV	CAS NO.	TXDS
N,N DIETHYLENE-P-PHENYLENEDIAMINE OXALATE	2.1		62637-92-7	
POTASSIUM IODIDE	0.1		7681 11-0	ORAL MUS 16862 MG/KG

SECTION 2. HAZARD SPECIFICATIONS
KNOWN HAZARDS UNDER 29 CFR 1910.1200

	YES	NO	YES	NO
COMBUSTIBLE LIQUID			SKIN HAZARD	
FLAMMABLE MATERIAL			EYE HAZARD	
PYROPHORIC MATERIAL			TOXIC AGENT	
EXPLOSIVE MATERIAL			HIGHLY TOXIC AGENT	
UNSTABLE MATERIAL			SENSITIZER	
WATER REACTIVE MATERIAL			CARCINOGEN	
OXIDIZER			REPRODUCTIVE TOXIN	
ORGANIC PEROXIDE			BLOOD TOXIN	
CORROSIVE MATERIAL			NERVOUS SYSTEM TOXIN	
COMPRESSED GAS			LUNG TOXIN	
IRRITANT			LIVER TOXIN	
			KIDNEY TOXIN	

TLV = PPM MG/M3
PEL+ PPM MG/M3

NFPA HAZARD SIGNAL
HEALTH FLAMMABILITY
STABILITY SPECIAL
DOT HAZARD CLASS:
EPA HAZARD WASTE CLASS:

SECTION 3. SAFE USAGE DATA

PROTECTIVE EQUIPMENT TYPES: EYES: COVERALL GOGGLES
RESPIRATORY: NA
GLOVES: PLASTIC GLOVES
OTHER:

VENTILATION: GENERAL MECHANICAL: NA
LOCAL EXHAUST: NA

PRECAUTIONS: HANDLING & STORAGE: STORE AT ROOM TEMPERATURE IN A COOL PLACE,
OR IN A REFRIGERATOR.

OTHER:

SECTION 4. EMERGENCY RESPONSE DATA

FIRE: EXTINGUISHING MEDIA: WATER, ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL
SPECIAL PROCEDURES: NONE
UNUSUAL HAZARDS:

SPILLS: STEPS TO BE TAKEN:
WASH WITH PLENTY OF WATER.

RQ: WASTE DISPOSAL METHOD: TO BE PERFORMED IN COMPLIANCE WITH ALL CURRENT,
LOCAL, STATE AND FEDERAL REGULATIONS.

SECTION 5. PHYSICAL HAZARD DATA

FLAMMABILITY: LEL: NONE FLASH POINT: NA F C
UEL: METHOD USED:

STABILITY: STABLE: X
UNSTABLE

CONDITIONS TO AVOID: AVOID HIGH TEMPERATURES
HAZARDOUS DECOMP POTS.:

HAZARDOUS POLYMERIZATION: MAY OCCUR
WILL NOT OCCUR X
CONDITIONS TO AVOID:

INCOMPATIBILITY: MATERIALS TO AVOID:

SECTION 6. HEALTH HAZARD DATA

EFFECTS OF EXPOSURE: INGESTION MAY CAUSE SEVER GASTRITIS, WITH VOMITING,
CONVULSIONS, COMA AND DEATH
ENTRY ROUTE: INHALE ____ INGEST ____ SKIN ____ EYE ____

EMERGENCY TREATMENT: EYES: WASH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.
INTERNAL: IF SWALLOWED GIVE 1% CALCIUM CHLORIDE IN A
GLASS OF WATER AND THEN 2-4 GLASSES OF WATER. INDUCE
VOMITING. GET MEDICAL ATTENTION IMMEDIATELY

SECTION 7. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: NA C
VAPOR DENSITY: NA
VOLATILE COMPONENTS:
VAPOR PRESS: NA MMHG
PH: NA SP. GR. NA
SOLUBILITY IN H2O: COMPLETE
WILL DISSOLVE IN:
EVAPORATION RATE (____ =1):
APPEARANCE: WHITE TABLETS
IS MATERIAL: ____ PASTE ____ POWDER
ODOR: ODORLESS X SOLID ____ LIQUID ____ GAS

SECTION 8. MANUFACTURER OR SUPPLIER DATA

NAME (PRINT): DR. HERB BAUER
SIGNATURE:
TITLE: CHEMIST
DATE: REV. 6/93
EMERGENCY TELEPHONE: 800-424-9300

ORBECO ANALYTICAL SYSTEMS, INC.
185 MARINE STREET
FARMINGDALE, NY 11735
(516) 293-4110

*** LAST PAGE ***

