

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration



MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME Dettelbach Pesticide Corporation		EMERGENCY TELEPHONE NO. (404) 237-1862
ADDRESS (Number, Street, City, State, and ZIP Code) 4111 Peachtree Road, N.E. Atlanta, GA 30319		
CHEMICAL NAME AND SYNONYMS * Diazinon & Pyrethrin	TRADE NAME AND SYNONYMS Formula RD-98/Diazinon	
CHEMICAL FAMILY Organophosphate & Pyrethrin mix	FORMULA C ₁₂ H ₂₈ O ₃ :C ₁₂ H ₂₁ N ₂ O ₂ PS	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
*O,O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate				1.4	
Pyrethrins				.3	
Inert Ingredients				98.3	

SECTION III - PHYSICAL DATA

BOILING POINT (°C)		SPECIFIC GRAVITY (H ₂ O = 1)	
VAPOR PRESSURE (mm Hg)		PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR = 1)		EVAPORATION RATE	
SOLUBILITY IN WATER			
APPEARANCE AND ODOR Light gray powder, characteristic odor			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	N/A	FLAMMABLE LIMITS	LeI	UeI
EXTINGUISHING MEDIA	CO ₂ , Foam, dry chemical, sand or earth			
SPECIAL FIRE FIGHTING PROCEDURES	Avoid inhalation or bodily exposure to possible fumes produced by fire.			
UNUSUAL FIRE AND EXPLOSION HAZARDS	None			

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SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

5mg/m³ LD₅₀(rat) 400 mg/kg

EFFECTS OF OVEREXPOSURE

Headache, blurred vision, cramps, diarrhea, vomiting, convulsions, sweating,
constriction of pupils, salivation

EMERGENCY AND FIRST AID PROCEDURES

See attached label. Cholinesterase inhibitor

Skin - Wash with soap and water

Eyes - Flush with large amounts of water (15 minutes)

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

Direct sunlight

INCOMPATIBILITY (Materials to avoid)

Tetraethyl monothiopyrophosphate (s-tepp) from Diazinon

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

1 - Sweep up spill

2 - Flush with water

WASTE DISPOSAL METHOD

Dispose of in a sanitary landfill, or by other state and local procedures.

Do not contaminate water supplies, food or feed.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

If needed; approved pesticide respirator

VENTILATION

LOCAL EXHAUST

SPECIAL

MECHANICAL (General)

OTHER

PROTECTIVE GLOVES

Rubber Gloves

EYE PROTECTION

Eye Goggles or safety shield

OTHER PROTECTIVE EQUIPMENT

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep out of reach of children. Do not store in direct weather. Do not
store near heat or open flame.

OTHER PRECAUTIONS

Poisonous if swallowed.

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