

3336 F**MANUFACTURER**

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PRODUCT IDENTIFICATION

PRODUCT NAME: 3336 F
W.A. CLEARY PRODUCT CODE: 4173 (1 qt.), 4171 (1 gal.), 4172 (2.5 gal.)
CHEMICAL NAME: Dimethyl-4-4'-o-phenylenebis-3-thioallophanate
SYNONYMS: Thiophanate methyl
E.P.A. REG. NO.: 4581-352-1001

INGREDIENTS

INGREDIENTS (CAS #)	PERCENT	EXPOSURE LIMITS
Dimethyl-4-4'-o-phenylenebis-3-thioallophanate	46.2%	
Inert Ingredients	53.8%	

PHYSICAL DATA

Boiling Point: 212 F
Melting Point: N/A
Freezing Point: 23 F
Specific Gravity: 1.213 @ 20/21 C
Vapor Pressure (@ 25 C): N/A
% Volatile: C 50
Evaporation Rate: N/A
Solubility in Water: Insoluble (dispersible)
Appearance and Odor: Off-white liquid suspension, faint sulfur odor.

FIRE & EXPLOSION DATA

Flash Point (Method): N/A
Flammable Limits (vol % in air): N/A
Autoignition Temperature: N/A
Extinguishing Media: Carbon dioxide, foam, water, earth, dry chemical.
Special Firefighting Procedures: Self-contained breathing apparatus
Unusual Fire and Explosion Hazards: None

REACTIVITY HAZARD DATA

Stability: Stable
Conditions to Avoid: Extreme heat
Incompatibility: Highly alkaline materials, oxidizing agents, lime sulfur, bordeaux mixture, copper compounds.
Hazardous Polymerization: N/A
Hazardous Decomposition Products: Thermal decomposition generates oxides of nitrogen, sulfur, and carbon.

HEALTH HAZARD DATA

Inhalation: N/A
Eye Contact: May cause transient irritation.
Skin Contact: Non-irritating, not a known sensitizer.
Chronic Effects of Overexposure: Irritation of eyes, nose, and throat, dermatitis, headache and nausea.
Other Toxic Effects: N/A
TOXICITY DATA: LD₅₀
 ORAL (acute): > 6000 mg/kg (rat)
 DERMAL (acute): > 2,000 mg/kg (rabbit)
 INHALATION (acute): > 20.8 mg/l (LC₅₀ rat 4 hour)
 CHRONIC (oral): No oncogenicity, no observed effect level, 160 ppm in diet for two years (rat) and 50 mg/kg/day in single dose for two years (dog).
 SUBCHRONIC (oral): No observable effect level, 1,600 ppm in diet for 180 days (rats and mice).

EMERGENCY AND FIRST AID PROCEDURES

Ingestion: Induce vomiting as soon as possible by tickling the back of the throat with the finger or similar blunt object. Seek medical attention immediately.
Skin Contact: Wash exposed areas of skin with soap and warm water. Contaminated clothing including footwear should be thoroughly cleaned before reuse.
Eye Contact: Flush eyes with plenty of water for at least 15 minutes. Seek medical attention immediately.
Inhalation: Remove to fresh air.

SPECIAL PROTECTION INFORMATION

Protective Clothing: Long sleeve shirt, pants, or coveralls, water resistant boots.
Eye Protection: Chemical goggles or safety glasses with side shields recommended.
Ventilation: Use product outdoors or in a well ventilated area.
Respiratory Protection: Dust mask or OSHA approved respirator in confined spaces.
Other: Protective barrier cream may be applied on exposed skin areas.

SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled: Absorb with sand or inert material, sweep or scoop up and remove, flush area with water. Dispose of in compliance with all federal, State and local laws.
Waste Disposal Methods: Improper disposal of excess pesticide, spray mixture or rinsate is a violation of federal law. If these wastes cannot be disposed of by intended use according to label instructions, contact the appropriate agency in your state or the nearest EPA Regional office for guidance.

SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storing: Store in original sealed containers in a cool dry area not accessible to children or unauthorized persons.

ADDITIONAL REGULATORY INFORMATION

DOT Shipping Name: Fungicide, Agricultural, Solid, NOI.
DOT Hazard Classification: Not DOT regulated
DOT Label Requirements: N/A
UN Identification Number: N/A
Hazardous Substance: N/A
Reportable Quantity: N/A
OSHA Hazard Classification: N/A
EPA SARA Title III Data: N/A
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