Material Safety Data Sheet
EPA Registration No. 82074-3

MYCOTROL® O
Emulsifiable Suspension Mycoinsecticide

Section I - MANUFACTURER
Laverlam International Corporation
117 South Parkmont
Butte, MT 59701
(406) 782-2386 Tel.
(406) 782-9912 Fax

Section II – INGREDIENT INFORMATION
Chemical Name & Synonyms: N/A
Trade Name & Synonyms: Mycotrol O
Biological Family: Beauveria bassiana
Conidia: 11.3%
Inerts: 88.7%

Section III - HAZARDOUS INGREDIENTS
Paints, Preservatives, Solvents: %TLV (units)
Alloys & Metallic Coatings: Base Metal N/A
Catalyst N/A
Vehicle N/A
Solvents N/A
Additives N/A
%TLV (units)
Others N/A

Section IV - PHYSICAL DATA
Boiling Point 260°C (500°F)
Specific Gravity (H₂O = 1) 0.93
Flash Point 182°C (360°F)
pH - Essentially Neutral
Vapor Pressure (mm Hg) < 0.01 mm Hg @ 20°C
Percent Volatile by Volume (%) 1.0 - 1.4
Vapor Density (Air = 1) > 5
Evaporation Rate @ 1 ATM & 25°C (77°F) < 0.01 (Ethyl Ether = 1)
Solubility in Water Emulsifiable in Water
Appearance and Odor Amber-colored oil; mild odor

Section V - FIRE AND EXPLOSIVE HAZARD DATA
Flash Point = 182°C (360°F)
Flammable Limits
Lol - 0.9%
Uol - 7%

Extinguishing Media: Dry chemical; Foam and/or water fog
Plan fire protection and planned response with local fire authorities.
Specific Fire Fighting Procedures
Use dry chemical, foam and/or water fog to extinguish the fire. Use water to keep fire-exposed containers cool. Water spray may be used to flush spills away from exposures. Full protective equipment and self-contained breathing apparatus are recommended.

Unusual Fire and Explosion Hazards
NONE

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) - HAZARD IDENTIFICATION
(Note: NFPA's rating = #1 as least hazardous)
Basis: Laverlam International’s Recommendation
Health – 1
Flammability - 1
Reactivity - 0

Section VI - HEALTH HAZARD DATA ---- Carcinogen Status: No Listing
NTP – No
IARC Monographs – No
OSHA Regulated – No
Routes of Entry:
Eye - Yes
Inhalation - Yes
Skin - Yes
Ingestion - Yes

Eye Contact: Causes substantial, but temporary eye damage; eye irritant.
Inhalation: Potential allergen.
Ingestion: Harmful if swallowed.
Skin Contact: Excessive skin contact may cause itching.

HEALTH HAZARD (Acute and chronic)
Acute: Substantial, but temporary eye damage.
Chronic: None Known

Emergency and First Aid Procedures:
EYES: Immediately flush eyes with large amounts of water for 15-20 minutes. Seek medical attention immediately. Wear goggles, face shield or safety glasses when handling.
INHALATION: Remove person to fresh air. If breathing stops, begin artificial respiration and seek medical attention immediately. Wear appropriate respiratory protection.

Wear proper personal protective equipment to avoid exposure. Use with adequate ventilation.
INGESTION: If swallowed, give several large glasses of water to dilute. Do not induce vomiting.
SKIN CONTACT: Immediately flush with large amounts of water for 15-20 minutes. If irritation continues, seek medical attention. Wear waterproof gloves.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NONE

Section VII - REACTIVITY DATA
Stability: Stable Compound. This product is stable and will not react violently with water.
Incompatibility (Materials to Avoid): Avoid contact with strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite, calcium hypochlorite, etc., as this may present an explosion hazard.

Hazardous Decomposition Products: CO
Hazardous Polymerization will not occur.

Section VIII - ENVIRONMENTAL DATA
This product contains an oil and as such, may be classified under Section 311 of the Clean Water Act and/or under the Oil Pollution Act.
Spills into or near waterways resulting in a sheen must be reported to the National Response Center (1-800-424-8802).

Steps to Be Taken in Case Material Is Released or Spilled
Wear protective equipment including waterproof gloves, coveralls over long-sleeved shirt, long pants and a NIOSH/MSHA approved respirator for organic vapors. Wear chemical goggles if a half-face mask respirator is worn. For small spills, sweep up and dispose of in a D.O.T. approved waste container. For large spills, place into D.O.T. approved waste container. Keep out of sewers, storm drains, surface waters and soil. Comply with all applicable Federal, State and local requirements on spill reporting, handling and waste disposal. Water wash with strong detergent or wetting agent; Non-Toxic. Absorb with inert material (sand, earth or other absorbent.) Minimize skin contact.

Waste Disposal Method: Landfill approved
D.O.T. approved container for disposal.
Dispose of contaminated product and materials used in cleaning up spills or leaks in a manner approved for this material. Consult appropriate Federal, State and local regulatory agencies to ascertain proper disposal procedures.
NOTE: Empty containers can have residues and mists and are subject to proper waste disposal as above.

EPA Hazard Classification Code
Acute - Hazard
Chronic - Hazard
Fire - Hazard
Pressure - Hazard
Reactive - Hazard

Other Precautions:
Potentially pathogenic to honey bees. Avoid applying to areas where honey bees are actively foraging or around bee hives. This product may be toxic to fish.

Section IX - SPECIAL PROTECTION & PRECAUTIONS
Respiratory Protection: Use with adequate ventilation. Use with NIOSH/MSHA approved respirator for organic vapors. If half-face mask is worn, chemical safety goggles should also be worn.
Ventilation System: A system of local and/or general exhaust is recommended to keep employee exposure to a minimum.
Skin Protection: Wear waterproof gloves, safety shoes, long-sleeved shirt and long pants.
Eye Protection: Use chemical safety goggles. Contact lenses should not be worn when working with this material. Maintain an eye wash fountain and quick drench facilities in work area.
Other Protective Equipment: Coveralls over long-sleeved shirt and long pants; shoes plus socks.
Work Hygienic Practices: Wash thoroughly after handling. Minimize rubbing of eyes. Remove contaminated clothing; launder or dry clean.
CONTAINER DISPOSAL: Do not reuse as a container. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Section IX - TRANSPORTATION AND OSHA LABEL INFORMATION
U.S. DOT HAZARDOUS MATERIALS SHIPPING DESCRIPTION: Not Regulated
NOTE: Product label may contain non-OSHA related information also.
TRANSPORTATION INCIDENT ADVISORY: For additional information, refer to the latest DOT Emergency Response guidebook.

LAVERVAM INTERNATIONAL CORPORATION believes the information and recommendations contained herein are accurate and reliable as of the date issued. Buyers and handlers of this product shall assume all risk and responsibility for potential loss or damage if this product is used, stored, handled or applied in a manner inconsistent with its registered labeling. To the extent permitted by law, manufacturer shall not be liable for more than the purchase price or the quantity involved including incidental, consequential or special damages.

For an MSDS or assistance with an MSDS, direct inquiries to the address on the front.
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