



## Material Safety Data Sheet

EPA Registration No. 82074-2

# BOTANIGARD® 22WP

Wettable Powder 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: BotaniGard 22WP  
Biological Family: *Beauveria bassiana* conidia strain GHA: 22.0%  
Inerts: 78%

### Section III - HAZARDOUS INGREDIENTS

Paints, Preservatives, Solvents:	%TLV (units) Alloys & Metallic Coatings:
Pigments N/A	Base Metal N/A
Catalyst N/A	Alloys N/A
Vehicle N/A	Metallic Coatings N/A
Solvents N/A	Filler Metal Plus Coating or Core Flux N/A
Additives N/A	
%TLV (units)	
Others N/A	
Hazardous Mixtures of other Liquids, Solids, or Gases:	NONE KNOWN

### Section IV - PHYSICAL DATA

Boiling Point N/A  
Specific Gravity (H<sub>2</sub>O = 1) 1.2  
Flash Point N/A  
pH 6.3  
Vapor Pressure (mm Hg) N/A  
Percent Volatile by Volume (%) N/A  
Vapor Density (Air = 1) N/A  
Evaporation Rate N/A  
Solubility in Water Insoluble

Appearance and Odor Whitish Powder, dusty odor

### Section V - FIRE AND EXPLOSIVE HAZARD DATA

Flash Point N/A

Flammable Limits

Lol - N/A

Uol - N/A

Extinguishing Media:

Water

Plan fire protection and planned response with local fire authorities.

Specific Fire Fighting Procedures NONE

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 - 0

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 - No

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

Wear proper personal protective equipment to avoid exposure.

Use with adequate ventilation.

### 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.

**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 KNOWN

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#### **Section VII - REACTIVITY DATA**

**Stability:** Stable Compound. This product is stable and will not react violently with water.

**Incompatibility (Materials to Avoid):** N/A

Hazardous Decomposition Products: N/A

Hazardous Polymerization Will not occur.

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#### **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 Dusts and Mists. 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. 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 are subject to proper waste disposal as above.

EPA Hazard Classification Code

Acute - Hazard

Chronic - Hazard

Fire -Non Hazard

Pressure -Non Hazard

Reactive -Non Hazard

Not Applicable - XXX

#### **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.

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#### **Section IX - SPECIAL PROTECTION & PRECAUTIONS**

**Respiratory Protection:** Use with adequate ventilation. Use with NIOSH/MSHA-approved respirator for dust and mists. 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 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.

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#### **Section X - 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.

LAVERLAM 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. Date Revised: 2/21/11.