

MATERIAL SAFETY DATA SHEET



In the event of a medical or chemical emergency contact
ChemTel, Inc. North America 1-800-255-3924 or worldwide
Intl. + 01-813-248-0585

Ferti-lome® Borer, Bagworm, Leafminer & Tent Caterpillar Spray

Voluntary Purchasing Groups, Inc.
230 FM 87
Bonham, Texas 75418

Effective Date: April 26, 2012

1. PRODUCT AND COMPANY IDENTIFICATION:

PRODUCT: Ferti-lome® Borer, Bagworm, Leafminer & Tent Caterpillar Spray
EPA No.: 62719-314-7401

COMPANY IDENTIFICATION:

Voluntary Purchasing Groups, Inc.
230 FM 87
Bonham, TX. 75418

2. COMPOSITION/INFORMATION ON INGREDIENTS:

INGREDIENTS:	CAS. Reg.	# Approx. %
Spinosad:		
Spinosyn A	131929-60-7	0.5%
Spinosyn D	131929-63-0	
Inert Ingredients, total, including		99.5%
Propylene glycol (1,2-Propanediol)	000057-55-6	

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR) 1910.1200). In addition, other substances not "Hazardous" per this OSHA Standard may be listed. Where proprietary ingredient shows, the identity may be made available as provided in this standard.

3. HAZARDOUS IDENTIFICATIONS:

EMERGENCY OVERVIEW: Off-white to tan liquid suspension with low odor. May cause slight eye irritation. Product is highly toxic to marine mollusks, moderately to slightly toxic to fish, slightly toxic to aquatic invertebrates, and practically non-toxic to birds.

POTENTIAL HEALTH EFFECTS: This section includes possible adverse effects, which could occur if this material is not handled in the recommended manner.

Eye: May cause slight eye irritation.

Skin: A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts. Prolonged exposure is not likely to cause significant skin irritation.

Ingestion: Single dose oral toxicity is extremely low. Small amounts swallowed incidental to normal handling operations are not likely to cause injury; however, swallowing larger amounts may cause injury.

Inhalation: Single exposure to concentrate mist is not likely to cause adverse effects.

4. FIRST AID MEASURES:

EYE: Flush eyes with plenty of water.

SKIN: Wash off in flowing water or shower.

INGESTIONS: If swallowed, seek medical attention. Do not induce vomiting unless directed to do so by medical personnel.

INHALATION: Remove to fresh air if effects occur. Consult a physician.

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NOTE TO PHYSICIAN: No specific antidote. Supportive care. Treatment based on judgment of the physician in response to reactions of the patient.

5. SPECIAL FIRE FIGHTING PROCEDURES:

FLASH POINT: Not determined (aqueous suspension).

METHOD USED: N/A

FLAMMABLE LIMITS: LFL: N/A (water-based product) **UFL:** N/A (water-based product)

EXTINGUISHING MEDIA: To extinguish combustible residues of this product use water fog, carbon dioxide, dry chemical or foam.

FIRE & EXPLOSION HAZARDS: Keep people away. Isolate fire area and deny unnecessary entry. Under fire conditions, some components of this product may decompose. The smoke may contain unidentified toxic and/or irritating compounds.

FIRE FIGHTING EQUIPMENT: Wear positive-pressure, self-contained breathing apparatus (SCBA) and protective fire-fighting clothing (includes fire-fighting helmet, coat, pants, boots and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

6. ACCIDENTAL RELEASE MEASURES:

ACTION TO TAKE FOR SPILLS/LEAKS: Use non-reactive absorbent to absorb small spills and collect for disposal.

7. STORAGE AND HANDLING:

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE: Keep out of reach of children. Avoid eye contact. Do not take internally. Wash thoroughly after handling and before eating, drinking or smoking. Store product in original container. See product label for additional instructions.

8. EXPOSURE CONTROL/PERSONAL PROTECTION:

ENGINEERING CONTROLS: Good general ventilation should be sufficient for most conditions.

EYE/FACE PROTECTION: Use of safety glasses is recommended.

SKIN PROTECTION: No precautions other than clean body covering clothing (i.e. long-sleeved shirt and long pants, shoes plus socks, and waterproof gloves) should be needed.

RESPIRATORY PROTECTION: No respiratory protection should be needed.

9. PHYSICAL AND CHEMICAL PROPERTIES:

BOILING POINT: 100°C (212°F) water

PHYSICAL STATE: Liquid suspension

ODOR: Low

DENSITY: 1.09 g/ml

SOLUBILITY IN WATER: Disperse

VAPOR PRESSURE: Similar to water

APPEARANCE: Off-white to light tan

10. STABILITY & REACTIVITY DATA:

STABILITY (CONDITIONS TO AVOID): Thermally stable at typical use temperature. Some components of this product can decompose at elevated temperatures.

INCOMPATIBILITY (SPECIFIC MATERIALS TO AVOID): None known

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HAZARDOUS DECOMPOSITION PRODUCTS: Hazardous decomposition products depend upon temperature, air supply, and the presence of other materials.

HAZARDOUS POLYMERIZATION: Not known to occur.

11. DISPOSAL CONSIDERATIONS:

DISPOSAL METHOD: Improper disposal of excess product, or spray mixture, is a violation of Federal law. If these wastes cannot be disposed by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional office for guidance.

12. TRANSPORT INFORMATION:

Not regulated by DOT or IMDG.

13. DISPOSAL:

Do not contaminate lakes, streams, ponds, estuaries, oceans or other waters by discharge of waste effluents or equipment washwaters. Dispose of waste effluents in accordance with state and local waste disposal regulations. Also, chemical additions or other alterations of this product may invalidate any disposal information in this MSDS. Therefore, consult local waste regulators for proper disposal.

14. TRANSPORTATION INFORMATION:

D.O.T.: Not D.O.T. Regulated
Other Shipping Description: Insecticides or Fungicides, Liquid.
NMFC Item 102120, LTL Class 60

15. OTHER INFORMATION:

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall Voluntary Purchasing Groups, Inc. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Voluntary Purchasing Groups, Inc. has been advised of the possibility of such damages.

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