

MATERIAL SAFETY DATA SHEET

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

DATED: 03-14-03

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Name: Voluntary Purchasing Groups, Inc., P. O. Box 460, Bonham, Texas 75418

Emergency Telephone: (903) 583-5501 or (800) 424-9300 (Chemtrec)

For Additional Information Contact: Product Manager or Chemtrec

Common Name (Used on Label): ferti-lome Borer, Bagworm, Leafminer & Tent Caterpillar Spray
EPA# 62719-314-7401

SECTION 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.

SECTION 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.

SECTION 4 - FIRST AID

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.

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

SECTION 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.

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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

SECTION 6 - ACCIDENTAL RELEASE MEASURES

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

SECTION 7 - HANDLING AND STORAGE

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.

SECTION 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.

SECTION 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		

SECTION 10 - STABILITY AND REACTIVITY

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

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

HAZARDOUS POLYMERIZATION: Not known to occur.

SECTION 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.

SECTION 12 - TRANSPORT INFORMATION

This product is not regulated by DOT when shipped domestically by land.

ADDITIONAL 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.