

SCENTRY BIOLOGICALS, INC.
610 CENTRAL AVE
BILLINGS, MT 59102

BEET ARMYWORM (*Spodoptera exigua*)

MATERIAL SAFETY DATA SHEET

January 1, 2001

SCENTRY BIOLOGICALS, INC.
610 Central Avenue
Billings, MT 59102
(406) 248-5856

PRODUCT INFORMATION:

Trade Name: Beet Armyworm (*Spodoptera exigua*)

Chemical Name: Z,E-9, 12-Tetradecienyl acetate, 7-9-Tetradecen-1-ol

Chemical Family: Pheromone sex attractant

SARA Title III Hazard Category: Immediate - N Fire - N Sudden Release of Pressure - N
Delayed - N Reactive -N

HAZARDOUS INGREDIENTS OF MIXTURES:

Component: Not applicable to this product.

This product contains no substances regulated under SARA, Title III, Sect. 313

PHYSICAL DATA:

Boiling Point: Not Applicable Evaporation Rate (Butyl Acetate=1): slower than Butyl Acetate
Vapor Pressure: Not Applicable Bulk Density: Not Applicable
Vapor Density: Not Applicable Percent Volative (by volume): less than 1%
Water Solubility: Not Applicable Odor: Mild
Appearance: PVC squares containing insect sex attractant.

HEALTH HAZARDS/EFFECTS:

Exposure Signs and Symptoms: Dermal exposure may lead to some irritation of skin.

Medical Conditions Aggravated by Exposure: None known.

Routes of Entry: Skin contact.

Carcinogenicity: Not known. None of the components in this product are listed by IARC, NTP, or OSHA as potential carcinogens.

EMERGENCY AND FIRST AID PROCEDURES:

Call a physician IMMEDIATELY in all cases of suspected poisoning.

Swallowed: If caught in throat, apply Heimlick Maneuver.

Ingestion: Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Call a physician immediately.

HEALTH PROTECTION MEASURES:

Respiratory Protection: Not required.
Ventilation: Not required.
Local Exhaust: Not required.
Protective Gloves: Not required.
Eye Protection: Not required.
Other Protective Equipment: Not required.

FIRE AND EXPLOSION HAZARD DATA:

Flash Point: Greater than 200 degrees F.
Flammable Limits: Not Available
Fire Extinguishing Media: Dry Chemical, CO₂, Foam, Water Spray
Special Fire-Fighting Procedures: None

REACTIVITY DATA:

Stability: Stable
Conditions to Avoid: Excessive Heat
Incompatibility: Acid, Base, corrosive and oxidizing materials.
Hazardous Decomposition Products: None
Hazardous Polymerization: No
Conditions to Avoid: None known

SPILL, DISPOSAL, AND STORAGE PROCEDURES:

If Material is Spilled or Released: Sweep up and dispose of as directed below.
Waste Disposal Method: Securely wrap container or spilled material in several layers of newspaper and discard in trash.

DISCLAIMER

All information contained in this Material Safety Data Sheet is furnished free of charge and is intended for your evaluation. In our opinion, the information is, as of the date of this Material Safety Data Sheet, reliable. However, it is your responsibility to determine the suitability of the information for your use. You are advised not to construe the information as absolutely complete since additional information may be necessary or desirable when particular, exceptional, or variable conditions or circumstances exist or because of applicable laws or government regulations. Therefore, you should use this information only as a supplement to other information gathered by you, and you must make independent determinations of the suitability in completeness of the information from all sources to assure both proper use of the material described herein and the safety and health of employees.