



Product no. L217
Product name **Beet Armyworm Lure**
Scientific name *Spodoptera exigua*

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SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING	
1.1	Product identifier Beet Armyworm Lure (<i>Spodoptera exigua</i>)
1.2	Relevant identified uses of the substance or mixture and uses advised against Scentry insect monitoring products are pest management tools designed to provide information about an insect pest population.
1.3	Details of the supplier of the safety data sheet Scentry Biologicals, Inc. 610 Central Ave. Billings, MT 59102 scentry@scentry.com Tel: 1-(406)-248-5856 Fax: 1-(406)-245-2790
1.4	Emergency Telephone number 1-(800)-735-5323

SECTION 2: HAZARDS IDENTIFICATION	
2.1	Classification of the substance or mixture HMIS Hazard Classifications Health =1 Flammability =1 Reactivity =0 DPD Classifications Xi;R38
2.2	GHS Classification and Labeling Signal Word Warning Hazard pictograms   GHS07 GHS09 Hazard Statements H302 Harmful if swallowed. H312 Harmful in contact with skin. H332 Harmful if inhaled. R-phrases R38 Irritating to skin. S-phrases S2 Keep out of reach of children. S13 Keep away from food, drink and animal feeding stuffs. S46 If swallowed, seek medical advice immediately and show this container or label. S20/S21, S24/S25, S26, S28 When using this product do not eat, drink or smoke, avoid contact with skin and eyes, after contact with skin, wash immediately with plenty of soap and water. S36/S37 Wear suitable protective clothing and gloves. Precautionary statements P264 Wash Hands thoroughly after handling. P280 Wear protective gloves/protective clothing/eye protection/face protection. P302+P352 If on skin: Wash with plenty of soap and water. P332+313 If skin irritation occurs: Get medical advice/attention. P362 Take off contaminated clothing and wash before reuse.
2.3	Other hazards Environmental Hazard Dangerous to the environment.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS			
3.1	Substance (s)	Product Identifier	%
	Mixture	(CAS No.) N/A	N/A
	Laminated Polymeric Dispenser	N/A	N/A
			Synonym (s) N/A
			N/A

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SECTION 4: FIRST AID MEASURES		
4.1	Description of first aid measures Inhalation Skin contact Eye contact Ingestion	Remove to fresh air. Provide oxygen if breathing is labored. Remove contaminated clothing and wash well with soap and water. Irrigate with water for at least 15 minutes. If ingested drink plenty of water.
4.2	Most important symptoms and effects, both acute and delayed	Primarily irritation
4.3	Indication of any immediate medical attention and special treatment needed	Immediate medical attention is required in case of ingestion or contact with eyes.

SECTION 5: FIRE-FIGHTING MEASURES		
5.1	Extinguishing media	Foam or carbon dioxide for small fires, water spray or foam for large fires. Avoid heavy hose streams.
5.2	Special hazards arising from the substance or mixture	The essential breakdown products are carbon monoxide, carbon dioxide and water.
5.3	Advice for firefighters	Use standard fire fighting techniques.

SECTION 6: ACCIDENTAL RELEASE MEASURES		
6.1	Personal precautions, protective equipment and emergency procedures	Avoid Contact with eyes, skin and clothes. See section 8 for further detail on personal protective equipment.
6.2	Environmental precautions	Keep out of water sources and sewers
6.3	Methods and materials for containment and cleaning up	Securely wrap container or spilled material in several layers of newspaper and discard in trash.
6.4	Reference to other sections	See section 7 for fire prevention. See section 8 for personal protection. See section 13 for disposal.

SECTION 7: HANDLING AND STORAGE		
7.1	Precautions for safe handling	General precautions to be taken with handling. Avoid contact with eyes, skin and clothes.
7.2	Conditions for safe storage, including any incompatibilities	Store in cool, dry area out of direct sunlight. Keep storage container closed until ready to use. Keep away from food, feedstuffs, and domestic water supplies.
7.3	Specific end use(s)	Scentry insect monitoring products are pest management tools designed to provide information about an insect pest population.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION		
8.1	Personal exposure limits	To our knowledge, no personal exposure limits have been established for any of the components in this product. However, exposure limits may be defined by local regulations and must be observed.
8.2	Exposure controls	Keep away from foodstuffs, beverages and food. Avoid contact with eyes and skin. Wash thoroughly after handling.
	Respiratory protection	None required, if the room is well-ventilated. Use with local ventilation
	Protective gloves	None required, but vinyl, latex or rubber gloves is recommended for continuous handling. The exact break through time of the various types of protective gloves has to be found out by the manufacturer and has to be observed.
	Eye protection.....	None Required
	Other skin protection	Wear a long-sleeved shirt and long pants, wear shoes and socks.
NOTE:		Personal protection information shown above is based upon general information as to normal uses and conditions. Where special or unusual uses or conditions exist, it is suggested that the expert assistance of an industrial hygienist or other qualified professional be sought.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES		
9.1	Information on physical and chemical properties	Beet Armyworm Lure
	Appearance	Laminated Polymeric Dispenser
	Odor	Fatty, Mild
	Odor threshold	Not determined
	pH	Not determined
	Melting point/Freezing point	Not determined
	Initial boiling point and boiling range	Not determined
	Flash point	Not determined
	Evaporation rate	Not determined
	Flammability (solid/gas)	Not highly flammable
	Upper/ lower flammability or explosive limits	Not determined
	Vapor pressure	Not determined
	Vapor density	Not determined
	Relative density	Not determined
	Solubilities	Solubility at 20°C in: water insoluble
	Viscosity	Not determined
	Explosive properties	Not explosive
	Oxidizing properties	Not oxidizing
	Decomposition temperature	Not determined
	Auto-ignition temperature.....	Not determined
	Partition coefficient: n-octanol/water	Not determined
9.2	Other Information	None

SECTION 10: STABILITY AND REACTIVITY		
10.1	Reactivity	To our knowledge, the product has no special reactivities.
10.2	Chemical stability	Stable at ambient temperatures while in storage and while being handled.
10.3	Possibility of hazardous reactions	Thermally decomposition products may include CO, CO ₂ , H ₂ O.
10.4	Conditions to avoid	Acids, peroxides and other oxidizing agents.
10.5	Incompatible materials	None known.
10.6	Hazardous decomposition products	See Section 5

SECTION 11: TOXICOLOGICAL INFORMATION		
11.1	Information on toxicological effects	
	Acute toxicity	This product contains a straight chain lepidopteran pheromone, a class of pheromones with no expected risks to human health or non-target organisms.
	Route(s) of Entry	
	- skin (most likely)	LD ₅₀ , dermal: Not determined
	-ingestion	LD ₅₀ , oral: Not determined
	-inhalation	LD ₅₀ , inhalation: Not determined
	Delayed, immediate, or chronic effects from short term exposure	Not determined
	Delayed, immediate, or chronic effects from long term exposure	Not determined
	Symptoms	Causes mild to moderate skin and eye irritation
	Indication of whether the chemical is listed in the NTP, or has found to be carcinogenic by the IARC or OSHA	Not determined

SECTION 12: ECOLOGICAL INFORMATION		
12.1	Toxicity	
	The ecotoxicity of the active ingredient is measured as:	
	- Fish	96-h LC ₅₀ Not determined
	- Algae	72-h LOEC Not determined
	- Daphnia	48-h LC ₅₀ Not determined
	- Bees	48-h LD ₅₀ , contact Not determined
		48-h LD ₅₀ , oral Not determined
12.2	Persistence in degradability	Easily decompose to carbon monoxide, carbon dioxide and water.
12.3	Bioaccumulative potential	Not determined

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12.4	Mobility in soil	Not determined
12.5	Results of PBT and vPvB assessment	Not determined
12.6	Other adverse effects	None

SECTION 13: DISPOSAL CONSIDERATIONS

13.1	Waste treatment methods	
	Disposal of product	Do not contaminate water, foodstuffs, feed, seed or sewage water by storage or disposal. Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility. To minimize exposure see section 8.
	Disposal of packaging	Do not reuse empty pouch. Discard pouch into trash.

SECTION 14: TRANSPORT INFORMATION

14.1	UN number	3077
14.2	UN proper shipping name	The product is not classified as hazardous material for both national and international transport by road or rail, by sea or air.
14.3	Transport hazard class(es)	9
14.4	Packing group	III
14.5	Environmental hazards	Marine pollutant
14.6	Special precautions for user	Do not discharge to the environment.
14.7	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code	The product is not transported in bulk tankers.

SECTION 15: REGULATORY INFORMATION

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture	Water Hazard class 2 (self assessment): Hazardous for water.
15.2	Chemical safety assessment	A chemical safety assessment has not been performed.

SECTION 16: OTHER INFORMATION

Disclaimer: All information contained in this 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 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.

Prepared by: Scentry Biologicals, Inc.