



Product no. L925  
Product name **Z-3-Hexen-1-ol Pouch Lure**  
Target Insect *Emerald Ash Borer*

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**SAFETY DATA SHEET**

<b>SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING</b>	
1.1	<b>Product identifier</b> ..... <b>Z-3-Hexen-1-ol Pouch Lure</b>
1.2	<b>Relevant identified uses of the substance or mixture and uses advised against</b> Scentry insect monitoring products are pest management tools designed to provide information about an insect pest population.
1.3	<b>Details of the supplier of the safety data sheet</b> <b>Scentry Biologicals, Inc.</b> 610 Central Ave. Billings, MT 59102 scentry@scentry.com Tel: 1-(406)-248-5856 Fax: 1-(406)-245-2790
1.4	<b>Emergency Telephone number</b> <b>1-(800)-735-5323</b>

<b>SECTION 2: HAZARDS IDENTIFICATION</b>	
2.1	<b>Classification of the substance or mixture</b> HMIS Hazard Classifications Health =1 Flammability =2 Reactivity =1
	DPD Classifications Xi
2.2	<b>GHS Classification and Labeling</b>
	Signal Word Danger
	Hazard pictograms GHS02  GHS07 
	<b>Hazard Statements</b> H225 ..... Highly flammable liquid and vapor.
	<b>S-phrases</b> 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.
	<b>Precautionary statements</b> P210 ..... Keep away from heat/sparks/open flames/hot surfaces. - No smoking. P233 ..... Keep container tightly closed. P240 ..... Ground/bond container and receiving equipment. P241 ..... Use explosion-proof electrical/ ventilating/ lighting/ equipment. P242 ..... Use only non-sparking tools. P243 ..... Take precautionary measures against static discharge. P280 ..... Wear protective gloves/ protective clothing/ eye protection/ face protection. P370 + P378 ..... In case of fire: Use dry sand, dry chemical or alcohol-resistant foam
	P403 + P235 ..... Store in a well-ventilated place. Keep cool. P501 ..... Dispose of contents/ container to an approved waste disposal plant.
2.3	<b>Other hazards</b> None known

<b>SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS</b>			
3.1	<b>Substance (s)</b>	<b>Product Identifier</b>	<b>%</b>
	<b>Z-3-Hexen-1-ol</b>	(CAS No.) 928-96-1	100
			Synonym (s) Leaf Alcohol Cis-3-Hexen-1-ol
	<b>LDPE Pouch</b>	N/A	N/A

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<b>SECTION 4: FIRST AID MEASURES</b>		
4.1	<b>Description of first aid measures</b>	
	Inhalation	A slight irritant to the mucous membranes. Toxic effects exerted upon nervous system, particularly the optic nerve. Once absorbed into the body, it is very slowly eliminated. Symptoms of overexposure ay include headache, drowsiness, nausea, vomiting, blurred vision, blindness, coma and death. A person may get better but then worse again up to 30 hours later. Remove to fresh air. Provide oxygen if breathing is labored.
	Skin contact	Alcohol is a defatting agent ad may cause skin to become dry and cracked. Skin absorption can occur; symptoms may parallel inhalation exposure.
	Eye contact	Irritant. Continued exposure may cause eye lesions. Irrigate with water for at least 15 minutes.
	Ingestion	Symptoms parallel inhalation. Can intoxicate and cause blindness, usual fatal dose: 100-125mL.
4.2	<b>Most important symptoms and effects, both acute and delayed</b>	Primarily irritation
4.3	<b>Indication of any immediate medical attention and special treatment needed</b>	Immediate medical attention is required in case of ingestion or contact with eyes.





<b>SECTION 5: FIRE-FIGHTING MEASURES</b>		
5.1	<b>Extinguishing media</b> .....	Use alcohol foam, dry chemical or carbon monoxide (Water may be ineffective).
5.2	<b>Special hazards arising from the substance or mixture</b>	The essential breakdown products are carbon monoxide, carbon dioxide and formaldehyde when heated to decomposition.
5.3	<b>Advice for firefighters</b> .....	Use standard firefighting techniques. Wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode. Use water spray to blanket fire, cool fire exposed containers, and to flush non-ignited spills or vapors away from fire. Vapors can flow along surfaces to distant ignition source and flash back.

<b>SECTION 6: ACCIDENTAL RELEASE MEASURES</b>		
6.1	<b>Personal precautions, protective equipment and emergency procedures</b>	Avoid Contact with eyes, skin and clothes. See section 8 for further detail on personal protective equipment.
6.2	<b>Environmental precautions</b> .....	Keep out of water sources and sewers
6.3	<b>Methods and materials for containment and cleaning up</b>	Ventilate area of leak or spill. Remove all sources of ignition. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container and absorb with inert material (e.g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials such as saw dust. If leak or spill has not ignited use water spray to disperse vapors.
6.4	<b>Reference to other sections</b> .....	See section 7 for fire prevention. See section 8 for personal protection. See section 13 for disposal.

<b>SECTION 7: HANDLING AND STORAGE</b>		
7.1	<b>Precautions for safe handling</b> .....	General precautions to be taken with handling. Avoid contact with eyes, skin and clothes.
7.2	<b>Conditions for safe storage, including any incompatibilities</b>	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. Keep containers away from any area fire hazard may be acute. Outside or detached storage is preferred. Keep away from strong oxidizing agents such as nitrates, perchlorates or sulfuric acid. Will attack some forms of plastic, rubber and coatings. May react with metallic aluminum and generate hydrogen gas.
7.3	<b>Specific end use(s)</b> .....	Scentry insect monitoring products are pest management tools designed to provide information about an insect pest population.

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<b>SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION</b>		
8.1	Personal exposure limits .....	To our knowledge, no personal exposure limits have been established for 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. Do not consume.
	Respiratory protection .....	None required, if the room is well-ventilated use with local ventilation preventing dispersion of it into the general work area. If the exposure limit is exceeded and engineering controls are not feasible, wear a supplied air, full-facepiece respirator, airlined hood, or full-facepiece self-contained breathing apparatus. Breathing air quality must meet the requirements of OSHA respiratory protection standard (29CFR1910.134). This substance has poor warning properties.
	Protective gloves .....	None required, but neoprene, nitrile 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.....	Use chemical safety goggles. Maintain eye wash fountain and quick-drench facilities in work area.
	Other skin protection .....	Impervious boots, apron or coveralls as needed in areas of unusual exposure.
<b>NOTE:</b>		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.

<b>SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES</b>		
9.1	<b>Information on physical and chemical properties</b>	<b>Ethanol Ultra-High Release (UHR) Pouch Lure</b>
	Appearance .....	Clear and colorless liquid solvent in a LDPE pouch.
	Odor .....	Mild, Pleasant
	Odor threshold .....	Not determined
	pH .....	Not determined
	Melting point/Freezing point .....	Not determined
	Initial boiling point and boiling range	156 - 157 °C (313 - 315 °F)
	Flash point .....	44°C (111°F)
	Evaporation rate .....	Not determined
	Flammability (solid/gas) .....	Flammable liquid and vapor
	Upper/ lower flammability or explosive limits	Not determined
	Vapor pressure .....	Not determined
	Vapor density .....	3.46
	Relative density .....	Not determined
	Solubilities .....	Solubility at 20°C in: Not determined
	Viscosity .....	Not determined
	Explosive properties .....	Explosions may occur above flash point, vapor air mixtures are explosive within flammable limits noted above. Moderate explosion hazard and dangerous fire hazard when exposed to heat, sparks or flames.
	Oxidizing properties .....	Not oxidizing
	Decomposition temperature .....	Not determined
	Auto-ignition temperature.....	464°C (867°F)
	Partition coefficient: n-octanol/water	Not determined
9.2	<b>Other Information</b>	Sensitive to static discharge

<b>SECTION 10: STABILITY AND REACTIVITY</b>		
10.1	<b>Reactivity</b> .....	Rapidly absorbs moisture form the air, can react vigorously with oxidizers.
10.2	<b>Chemical stability</b> .....	Stable at ambient temperatures while in storage and while being handled.
10.3	<b>Possibility of hazardous reactions</b>	Thermal decomposition products may include CO, CO <sub>2</sub> , and formaldehyde.
10.4	<b>Conditions to avoid</b> .....	Heat, flames, ignition sources and incompatibles.

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10.5	<b>Incompatible materials</b> .....	Keep away from strong oxidizing agents such as nitrates, perchlorates or sulfuric acid. Will attack some forms of plastic, rubber and coatings. May react with metallic aluminum and generate hydrogen gas.
10.6	<b>Hazardous decomposition products</b>	See Section 5

**SECTION 11: TOXICOLOGICAL INFORMATION**

11.1	<b>Information on toxicological effects</b>	
	Acute toxicity	This product contains a class of chemical with no expected risks to human health or non-target organisms.
	Route(s) of Entry	
	- skin (most likely)	LD <sub>50</sub> , dermal: >5,000 mg/kg (rabbit)
	-ingestion	LD <sub>50</sub> , oral: 4,700mg/kg (rat)
	-inhalation of vapor	LC <sub>50</sub> , 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 as carcinogenic.

**SECTION 12: ECOLOGICAL INFORMATION**

12.1	<b>Toxicity</b>	
	The ecotoxicity of the active ingredient is measured as:	
	- Fish	96-h LC <sub>50</sub> Not determined
	- Algae	72-h LOEC Not determined
	- Daphnia	48-h LC <sub>50</sub> Not determined
	- Bees	48-h LD <sub>50</sub> , contact Not determined
		48-h LD <sub>50</sub> , oral Not determined
12.2	<b>Persistence in degradability</b> .....	Easily decompose to carbon monoxide, carbon dioxide and water.
12.3	<b>Bioaccumulative potential</b> .....	Not determined
12.4	<b>Mobility in soil</b> .....	Not determined
12.5	<b>Results of PBT and vPvB assessment</b> .....	Not determined
12.6	<b>Other adverse effects</b>	None

**SECTION 13: DISPOSAL CONSIDERATIONS**

13.1	<b>Waste treatment methods</b>	
	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	<b>UN number</b> .....	1987
14.2	<b>UN proper shipping name</b> .....	Alcohols n.o.s.
14.3	<b>Transport hazard class(es)</b> .....	3
14.4	<b>Packing group</b> .....	III
14.5	<b>Environmental hazards</b> .....	None
14.6	<b>Special precautions for user</b>	Do not discharge to the environment.
14.7	<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code</b>	The product is not transported in bulk tankers.

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**SECTION 15: REGULATORY INFORMATION**

15.1	<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	The product is classified and labelled in accordance with GHS and EC directives or respective national laws.
	<b>Chemical safety assessment</b> .....	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.**