


Product no. BEES-10LT
Product name **Bee-Scent®**
Scientific name N/A

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SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING	
1.1	Product identifier Bee-Scent®
1.2	Relevant identified uses of the substance or mixture and uses advised against Bee-Scent® attractant is a liquid formulation containing attractants that can direct honey bees to treated blossoms for improved crop pollination.
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 DPD Classifications GHS Classification and Labeling
	Health =1 Flammability =1 Reactivity =0 Xi
2.2	Signal Word Hazard pictograms GHS07 Hazard Statements H315 S-phrases S2 S13 S46 S20/S21, S24/S25,S26,S28 S36/S37 Precautionary statements P264 P280 P302+P352 P362
	Warning  Causes skin irritation. Keep out of reach of children. Keep away from food, drink and animal feeding stuffs. If swallowed, seek medical advice immediately and show this container or label. 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. Wear suitable protective clothing and gloves. Wash Hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. If on skin: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse.
2.3	Other hazards None known

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS				
3.1	Substance (s)	Product Identifier (CAS No.)	%	Synonym (s)
	Honey Bee Pheromone Mixture	N/A	9.5%	N/A
	Other Natural Ingredients	N/A	42.5%	N/A
	Inert Ingredients	N/A	48.0%	N/A

SECTION 4: FIRST AID MEASURES	
4.1	Description of first aid measures
	Inhalation Skin contact Eye contact Ingestion
	Remove to fresh air. Seek medical attention if symptoms persist. Remove contaminated clothing and wash well with soap and water. Seek medical attention if symptoms persist. Irrigate with water for at least 15 minutes. Seek medical attention if symptoms persist. Get medical aid. Drink 1 or 2 glasses of water and induce vomiting. Never induce vomiting or give anything by mouth to an unconscious person. Keep head lower than chest to avoid aspiration into the lungs. Call a physician or Poison Control Center.

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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	Treat symptomatically

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	During a fire, irritating and or highly toxic gases may be generated by thermal decomposition or combustion. Runoff from fire control or dilution water may cause pollution.
5.3	Advice for firefighters	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

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	Contain spill; vacuum or scoop and sweep up and place in container for disposal. Material which cannot be used should be disposed of in an approved waste disposal facility following all applicable Federal, State, and Local regulations. Triple rinse empty containers and offer for recycling or reconditioning, or puncture and dispose of in an approved sanitary land fill. Do not contaminate water supplies by disposal of wastes or containers.
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)	Bee-Scent® attractant is a liquid formulation containing attractants that can direct honey bees to treated blossoms for improved crop pollination.

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, but chemical goggles or shielded safety glasses are recommended.
	Other skin protection	Wear suitable protective clothing.
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 Bee-Scent®		
Appearance		Milky beige liquid
Odor		Sweet, citrus-like
Odor threshold		Not determined
pH		7.5-8.5
Melting point/Freezing point		Not determined
Initial boiling point and boiling range		212°F
Flash point		Not determined
Evaporation rate		Not determined
Flammability (solid/gas)		Not highly flammable
Upper/ lower flammability or explosive limits		Not determined
Vapor pressure		10mm
Vapor density		>1
Relative density		Not determined
Solubilities		Not determined
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		
		Specific Gravity/25°C: 1.125-1.130 g/mol

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		
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		May cause 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
12.4	Mobility in soil	Not determined
12.5	Results of PBT and vPvB assessment	Not determined

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12.6	Other adverse effects	None
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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	Triple rinse empty containers and offer for recycling or reconditioning, or puncture and dispose of in an approved sanitary land fill. Do not contaminate water supplies by disposal of wastes or containers.

SECTION 14: TRANSPORT INFORMATION		
14.1	UN number	Not determined
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)	Not determined
14.4	Packing group	Not determined
14.5	Environmental hazards	None known
14.6	Special precautions for user	None known
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	The product is classified and labelled in accordance with GHS and EC directives or respective national laws.
15.2	Chemical safety assessment	A chemical safety assessment has not been performed.

SECTION 16: OTHER INFORMATION		
<p>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.</p> <p>Prepared by: Scentry Biologicals, Inc.</p>		