SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: SenSci Activ^{CR} Bed Bug Lure
TYPE OF PRODUCT OR USE: Lure
MANUFACTURER: BedBug Central (d.b.a. SenSci)
ADDRESS: PO Box 5309
Trenton, NJ, USA 08628
24/7 EMERGENCY PHONE: INFOTRAC 800-535-5053 Call collect internationally 352-323-3500
24/7 HEALTH EMERGENCIES: 800-222-1222 National Poison Control Center.

SECTION 2 - HAZARDS IDENTIFICATION

GHS:

GHS SIGNAL WORD: Danger
HAZARD STATEMENT: Combustible liquid. Harmful if swallowed. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye damage. Harmful if inhaled. Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

PHYSICAL HAZARDS:

Flammable Liquid	Category 4

HEALTH HAZARD:

Acute Toxicity, Oral	Category 4
Acute Toxicity, Inhalation	Category 4
Skin Corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1

ENVIRONMENTAL HAZARD:

Hazardous to the aquatic environment, acute hazard	Category 2
Hazard to the aquatic environment, long-term hazard	Category 3

PRECAUTIONARY STATEMENTS:

Prevention:
Keep away from flames and hot surfaces-No smoking. Avoid breathing vapors. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/eye protection/face protection.

Response:
If swallowed: Immediately call a poison center/doctor. Rinse mouth. Do NOT induce vomiting. **If on skin:** Wash with plenty of water. **If Inhaled:** Remove person to fresh air and keep comfortable for breathing. **If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. **If skin irritation occurs:** Get medical advice/attention. Take off contaminated clothing and wash before reuse. **Incase of fire:** Use appropriate media to extinguish. Collect spillage.
Storage: Store in a well-ventilated place. Keep cool. Do not expose to temperatures exceeding > 61.7 °C or > 143 °F.

Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.
ROUTES OF ENTRY: Eye contact, skin adsorption, and inhalation.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	EINECS #	%	REACH Reg. #
Nonanal	124-19-6	204-688-5	Prop.	No
L-lactic acid	50-21-5	200-018-0	Prop.	No
1-octen-3-ol	3391-86-4	222-226-0	Prop.	No
Spearmint oil	8008-79-5	283-656-2	Prop.	No

SECTION 4 - FIRST AID MEASURES

INHALATION: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Call a POISON CENTER or doctor/physician if you feel unwell

SKIN CONTACT: Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse.

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

INGESTION: Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical advice/attention if you feel unwell.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED: Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Skin irritation. May cause rednessand pain. May cause an allergic skin reaction. Dermatitis. Rash.

INDICATION OF IMMEDIATTE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED: Provide general supportive measures and treat symptomatically. Keep victim warm. Keep victimunder observation. Symptoms may be delayed.

GENERAL INFORMATION: Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.

SECTION 5 - FIREFIGHTING MEASURES

FLASHPOINT AND METHOD: Estimated > 143°F (> 61.7 °C) closed cup for pure liquid, pending further data.
FLAMMABLE LIMITS: LEL = NE % UEL = NE %
EXTINGUISHING METHOD: Use dry chemical powder, carbon dioxide, foam, or water fog.
UNSUITABLE EXTINQUISHING METHOD: Do not use water jet as an extinguisher, as this will spread the fire.
FIRE OR EXPLOSION HAZARDS: The product is combustible, and heating may generate vapors which may form explosive vapor/airmixtures. During fire, gases hazardous to health may be formed.
SPECIAL FIREFIGHTING PROCEDURES: Full emergency equipment with self-contained breathing apparatus and full protective clothing to be worn by firefighters. Move containers from fire area if you can doso without risk. Use standard firefighting procedures and consider the hazards of other involved materials.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENTT AND EMERGENCY PROCEDURES: Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate allignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid inhalation of vapors and spray mists. Donot touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

METHODS AND MATERIALS FOR CONTAINMENT. AND CLEANING UP: Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. This material is classified as a water pollutant under the Clean Water Act and should be prevented from contaminating soil or from entering sewage and drainage systems which lead to waterways.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this ispossible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly toremove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

ENVIRONMENTAL PRECAUTIONS: Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoiddischarge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.

SECTION 7 - HANDLING AND STORAGE

CONDITIONS FOR SAFE STORAGE: Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Keep tightly closed in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and source of ignition. Store away from incompatible materials (see Section 10 of the SDS).
SPECIAL SENSITIVITY: Avoid contact with skin and eyes.
HANDLING AND STORAGE PRECAUTIONS. Keep away from open flames, hot surfaces and sources of ignition. Do not get this material in contact with eyes. Avoid inhalation of vapors and spray mists. Avoid contact with eyes, skin, and clothing. Do not taste or swallow. When using, do not eat, drink or smoke. Use only outdoors or ina well-ventilated area. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation,or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

EYE PROTECTION: Wear safety glasses with side shields (or goggles) and a face shield. Face shield is recommended.

SKIN PROTECTION: Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier. Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

RESPIRATORY PROTECTION: If engineering controls do not maintain airborne concentrations below recommended exposurelimits (where applicable) or to an acceptable level (in countries where exposure limits have notbeen established), an approved respirator must be worn.

THERMAL HAZARDS: Wear appropriate thermal protective clothing, when necessary.

GENERAL HYGIENE CONSIDERATIONS: When using do not smoke. Keep away from food and drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM: Liquid in vial with breathable membrane**.**
ODOUR: Fruity odor
FLASH POINT: 168°F (76°C) closed cup
COLOUR: Light yellow.
SOLUBILITY IN WATER: Not soluble.
SPECIFIC GRAVITY (water=1): 0.929 at 25°C

SECTION 10 - REACTIVITY

STABILITY: This product is stable material under normal conditions of storage and handling.
HAZARDOUS POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID: High temperatures > 143 °F (> 61.7°C).
INCOMPATIBLES: Avoid strong oxidizing agents.
CONDITIONS TO AVOID: Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.

SECTION 11 - TOXICOLOGICAL

INFORMATION ON LIKELY ROUTES OF EXPOSURE
Inhalation: Harmful if inhaled.
Skin Contact: Cause skin irritation. May cause an allergic skin reaction.
Eye Contact: Causes serious eye damage.
SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS: Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurredvision. Permanent eye damage including blindness could result. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.
INFORMATION ON TOXICOLOGICAL EFFECTS
Acute toxicity: Harmful if inhaled. Harmful if swallowed. May cause an allergic skin reaction.

SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICITY: Toxic to aquatic life with long lasting effects.
PERSISTENCE AND DEGRADABIBLITY: No data is available on the degradability of this product.
BIOACCUMULATIVE POETENTIAL: No data available

MOBILITY
SOIL/WATER PARTITION COEFFICIENT (K_{oc}): No data available

SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL INSTRUCTION: Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditcheswith chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

WASTE DISPOSAL METHOD: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should be considered when recycling is not feasible. This material and its container must be disposed in safe way. Empty container or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14 - TRANSPORTATION INFORMATION

US DOT (ground) SHIPPING DESCRIPTION: Not regulated.
IATA (air) SHIPPING DESCRIPTION: CARGO AIRCRAFT ONLY: Not regulated.
IMO (water) SHIPPING DESCRIPTION: Not regulated.

SECTION 15 - REGULATORY INFORMATION

OSHA STATUS: Combustible
TSCA STATUS: None.
CERCLA REPORTABLE QUANTITY: None.
CALIFORNIA PROPOSITION 65: None.
RCRA STATUS: None.
SARA TITLE III: None.
SECTION 302 EXTREMELY HAZARDOUS: None.
SECTION 311/312 HAZARD CATEGORIES: None.
SECTION 313 TOXIC CHEMICALS: None.
RIGHT TO KNOW: All listed in the states of NJ and PA.
INGREDIENTS ARE LISTED: AICS, CI, DSL, ECL, ENC, EU, PICCS, SWISS, UK, USA

WHMIS: Flammable and combustible material

SECTION 16 – OTHER INFORMATION/APPROVALS

National Fire Protection Association (NFPA)
Hazardous Materials Identification System (HMIS)

NFPA		HMIS	
	0 Least		
2 Health	1 Slight	2	Health
2 Flammability	2 Moderate	2	Flammability
0 Instability	3 High	0	Reactivity
	4 Severe	0	PPE

REASON FOR ISSUE: Reformatting the section and re-numbering the sections.
APPROVAL DATE: 26 October 2020
PREPARED BY: Dennis Belau **REVIEWED BY:** Jeff White

ABBREVIATIONS:

CAS #	Chemical Abstract Service Number	EINECS	European Inventory of existing Commercial Chemical Sales
ºC	Celsius temperature scale	ºF	Fahrenheit temperature scale
Prop.	Proprietary	PE	Personal Protective Equipment
TLV	Threshold Limit Value	TWA	Time Weighted Average
STEL	Short-term Exposure Limit	PEL	Permissible Exposure Limit
OSHA	Occupational Safety & Health	NIOSH	National Institute of Safety & Health
NFPA	National Fire Protection Agency	WHMIS	Workplace Hazardous Materials Information System

NTP	National Toxicology Program	IARC	Int. Agency for Research on Cancer
RCRA	Resource Conservation Recovery ACT	TSCA	Toxic Substance Control Act
		EC_{50}	Effective Dose
LC_{50}	Lethal Inhalation Concentration	LD_{50}	Lethal Dose
CAS	Chemical Abstract Service Number	LEL	Lower explosive limit
UEP	Upper explosive limit	NDA	No Data Available
ND	Not determined	NE	None established
NA	Not Applicable	≤	Less Than or Equal To
≥	Greater Than or Equal to	CNS	Central Nervous System
CI	China	DSL	Canada
ECL	Korean Existing Chemicals List	EEC	European Economic Commission
ENCS	Japanese Existing and New Chemical List		
EU	European Union	MAC	Netherlands
MAK	Germany	MITI	Japan
PICCS	Philippines	SWISS	Giftliste 1
UK	United Kingdom	USA	United States
VOC	Volatile organic content		
ACGIH	American Conference of Government Industrial Hygienists		
SARA	Superfund Amendments and Reauthorization Act		
AICS	Australian Inventory of Chemical Substances		
IARC	International Agency for Research on Cancer		
Taiwan	List of Toxic Chemical Substances regulated under Taiwan Toxic Chemical Substances Control Act of 1086		

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SDS Revision Date: June 25, 2021.