



SAFETY DATA SHEET

Flour Beetle Bullet Lure

Date Revised May 2023
Supersedes: October 2020

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product name:	Flour Beetle Bullet Lure		
Product use:	Insect Pheromone Lure for <i>Tribolium spp.</i>		
Product form:	Red beads in a clear PE vial with aluminum cap		
Product no:	IL-303		
Supplier:	Insects Limited Inc. 16950 Westfield Park Rd. Westfield, Indiana, USA 46074 1-800-992-1991	Manufacturer:	Insects Limited Inc. 16950 Westfield Park Rd Westfield, Indiana, USA 46074 1-317-896-9300
Emergency: Transportation - 800-424-9300; 703-527-3887 (CHEMTREC)		Medical: 800-225-3320 (PROSAR)	

SECTION 2 - HAZARDS IDENTIFICATION

GHS CLASSIFICATION:

Health	Environmental	Physical
No Health Hazards	Acute Toxicity: None Known Chronic Toxicity: None Known	No Physical Hazards

GHS Label:

No Hazard Symbol

No Signal Word

WHMIS Classification: Non Hazardous

Hazard Statements	Precautionary Statements
No Hazard Statements Apply	P102 Keep out of reach of children P302 + P352 If on skin, wash with water P305 + P351 If in eyes, rinse cautiously with water for several minutes.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

NAME	CAS#	EINECS#	CONCENTRATION % BY WEIGHT
4,8-Dimethyldecanal	75983-36-7	None	<5%

SECTION 4 - FIRST AID MEASURES

Contact with eyes:	Rinse eyes cautiously with water for several minutes
Skin contact:	Wash with soap and water
Ingestion:	Rinse mouth out with water. Do Not induce vomiting. Do Not give baking soda.

SECTION 5 - FIREFIGHTING MEASURES

Suitable extinguishing media:	Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media:	Do not use heavy water stream

SECTION 6 - ACCIDENTAL RELEASE MEASURES

In case of Spill:	Use absorbent material to collect and contain for disposal
Protective Equipment for cleanup:	Wear water proof gloves; Safety glasses or goggles are recommended during cleanup.
Environmental Precaution:	Do not contaminate water, food or feed by storage or disposal of wastes.

SECTION 7 - HANDLING AND STORAGE

Safe Handling:	Wash hands and other exposed areas with mild soap and water before eating, drinking, smoking or leaving work.
Safe Storage:	Keep container closed when not in use. Store in cool dry area in accessible to children.

SECTION 8 - PRECAUTIONS TO CONTROL EXPOSURE/ PERSONAL PROTECTION

Exposure Limits:	No OSHA PEL or ACGIH TLV established	
Personal Protective Equipment:	Eye Protection:	Avoid contact with eyes.
	Skin Protection:	Avoid contact with skin. Wear protective gloves if clean-up is required.
	Respiratory Protection:	Not required when used according to directions. Avoid breathing vapors.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES		
Appearance:	Pale yellow liquid	Boiling Point/ Flash Point: 110°C; 230°F @ 4mm Hg
Odor:	Medicinal odor	Freezing/Melting Point: Not established
Density:	0.895 g/ml	Vapor Pressure: Not established
Flammability:	Non Flammable	Vapor Density: Not established
pH	6.9	Solubility in Water: Insoluble

SECTION 10 - STABILITY AND REACTIVITY	
Stability:	Stable
Hazardous Decomposition Products:	None in normal use.
Conditions to Avoid:	Avoid extreme high or low temperatures
Incompatible Materials:	Strong oxidizers, strong bases.

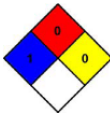
SECTION 11 - TOXICOLOGICAL INFORMATION					
Likely Routes of Exposure:	Skin contact, Eye Contact, Ingestion				
Acute symptoms and effects:	Transfer of pheromones may occur. Direct contact may cause irritation. May cause irritation if swallowed.				
Skin Contact:					
Eye Contact:					
Ingestion:					
Chronic Effects:	None known to humans.				
Acute Toxicity	LD50 (oral Rat)			LC50	
Not Established	Not Established			Not Established	
Reproductive Effects	Teratogenicity	Mutagenicity	Embryo toxicity	Carcinogenicity	Synergistic Products
Not Established	Not Established	Not Established	Not Established	None	Not Established

SECTION 12 - ECOLOGICAL INFORMATION	
Eco Toxicity:	None Known
Mobility:	Biodegradable in the soil
Degradability:	Readily biodegradable in water
Bioaccumulation:	Not Applicable

SECTION 13 - WASTE DISPOSAL CONSIDERATIONS
Clean up and dispose of waste in accordance with all federal, state, and local environmental regulations. See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

SECTION 14 - TRANSPORTATION INFORMATION
Domestic (DOT): Chemicals, N.O.S (non-regulated); Hazard Class: Not Applicable; UN/NA: Not Applicable; Labels: Not Applicable International (IMO): Chemicals, N.O.S (non-regulated); Hazard Class: Not Applicable; UN/NA: Not Applicable; Labels: Not Applicable

SECTION 15 - REGULATORY INFORMATION
EPA Exempted from label requirements; CFR 40 152.25(b) if used for monitoring purposes in traps.

SECTION 16 - OTHER INFORMATION		
NFPA Rating		
Health hazard:	1 - Exposure could cause minor irritation	
Fire hazard:	0 - Material will not burn	
Reactivity	0 - Normally stable	
HMIS III Rating		
Health:	1 Slight Hazard – irritation or minor reversible injury possible	
Flammability:	0 Minimal Hazard	
Physical:	0 Minimal Hazard	
Person Protection:	B	

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