



SDS

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements.

BactroBUG

Preparation: November 2017

Section 1 – CHEMICAL PRODUCT AND COMPANY

Product/Chemical Name:	BactroBUG
Manufacturer's Name:	Bactronix Corp.
Address:	333 Rouser Rd. Bldg. #4, Suite 103 Moon Twp. PA 15108
Chemical Formulation:	Proprietary Mixture
C A S Number:	Mixture
Synonyms:	N/A
Derivation:	N/A
General Use:	Mixture is intended to be ready to use in pest control settings.
Emergency Phone Number:	412-375-7886

Section 2 – HAZARD(S) IDENTIFICATION

Precautionary Statement(s):	May cause mild skin and eye irritation.
Primary Entry Routes:	Eye contact / Skin contact / Ingestion.
Target Organs	
Inhalation:	Not Applicable
Eyes:	May cause mild eye irritation
Skin:	May cause mild skin irritation
Ingestion:	May cause gastrointestinal irritation with nausea and diarrhea
Carcinogenicity:	None.
Medical Conditions	
Aggravated by Long-Term Exposure	None known.
Chronic Effects	
Skin:	Allergic reaction – Dermatitis
Ingestion:	Repeated ingestion may affect liver, kidneys and metabolism (weight loss.)
Human/Animals:	Animal tests show reproductive effects. No human data found at this point.
Hazard Classification:	Mild skin irritation, category 3.
Single word:	Warning

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Section 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Chemicals	Chemical Names	Synonym	C: s	Weight o/o	LSDO Oral RAT	LDSO Dermal Rabbit	LCSO Inhalation Rat
None	None	None	None	None	None	None	None

Active Ingredients: Soybean Oil.....	4.78%
Other Ingredients Water.....	43.46%
Calcium Silicate.....	2.57%
Aluminum Sodium Silicate.....	9.22%
Iron Oxide.....	7.18%
Sodium Sulfate.....	7.04%
Magnesium Sulfate.....	6.96%
Potassium Sulfate.....	4.01%
Sodium Benzoate as a preservative.....	4.78%
TOTAL:	100%

Section 4 – FIRST AID MEASURES

Inhalation:	Move to area with fresh air
Eye Contact:	Rinse with water. If irritation persists seek medical attention.
Skin Contact:	Rinse with water. If irritation persists seek medical attention.
Ingestion:	Do NOT induce vomiting unless directed to do so by my medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed seek a physician immediately.

Section 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media:	Dry chemical, water spray, foam or carbon dioxide.
Specific Hazards:	When heated to decomposition it emits acrid smoke and irritating fumes.
Unusual Hazards:	None known
Specific Methods:	No special methods required
Special Protective Equipment for Firefighters:	As in any fire, wear self-contained breathing apparatus pressure demand and full protective gear.

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Section – 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: See Section 8

Environmental Precautions and Clean up: Use appropriate containment to avoid environmental contamination. Soak up with inert absorbent material. Seep up and shovel into suitable containers for disposal. Use a water rinse for final clean-up.

Section 7 – HANDLING AND STORAGE

Handling Precautions: Avoid unnecessary long term contact with skin, eyes and clothing. Do not taste or swallow. Use with adequate ventilation. Avoid unnecessary long term breathing mists or vapors. Remove and wash contaminated clothing and footwear before reuse if corporate Health and Safety Regulations require.

Storage Requirements: Keep container(s) stored in cool, well-ventilated area. Keep container tightly closed until ready for use.

Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Measures to Reduce Exposure: Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.

Eye Protection: If required by corporate health and safety, wear splash goggles.

Hand Protection: If required by corporate health and safety, wear rubber or latex gloves.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

Section 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Taste:	Sharp
PH:	4.0 – 4.5	Specific Gravity:	1.00 – 1.04
Appearance:	Aqueous solution	Density:	8.35 lbs. /gal
Color:	Light amber	Flash Point:	>93.3° C (200° F)
Odor:	Similar to apple cider	Solubility:	Soluble

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Viscosity:	No Information Available	Decomposition	
% Volatile (volume)	70 – 75%	Temperature:	Not determined
Dilution pH:	N.A.	Auto ignition	
		Temperature:	Not determined
Vapor Density:	No information Available	Water/Oil Dist.	
Evaporation Rate:	Same as water	Coefficient:	Not determined
Boiling Point/Range:	> 100 ⁰ C (212 ⁰ F)	Flammability:	Not determined
Freezing Point/Range:	< 0 ⁰ C (32 ⁰ F)	Elemental	
		Phosphorous	0.0

Section 10 – STABILITY AND REACTIVITY

Stability:	Product is indefinitely stable in sealed containers.
Polymerization:	Hazardous Polymerization does not occur.
Stabilizers:	None at this time.
Physical appearance:	Safety issues will not arise if product's physical appearance changes.
Materials to Avoid:	Strong acids, bases, oxidative agents and quaternary disinfectants can degrade/inactivate proteins.
Conditions to Avoid:	Storage in elevated temperatures or direct sunlight for prolonged periods. DO NOT freeze.

Section 11 - TOXICOLOGICAL INFORMATION

Routes of Entry:	Absorbed by the skin. Eye contact.
Acute Toxicity:	Oral LD50 estimated to be >2g/Kg (Rat). Dermal LD50 estimated to be >2g/Kg (Rabbit). Contains only ingredients that are Recognized Safe in food applications in accordance with U.S. Food and Drug Administration (FDA) 21 CFR 178.3400
Component Information:	See Section 3
Chronic Toxicity – Skin	Prolonged exposure in some cases may cause allergic reaction, such as dermatitis.
Ingestion:	Repeated ingestion may affect liver, kidneys, and Metabolism (weight loss).
Potential harmful Chemical/carcinogen:	Not listed in National Toxicology Program (NTP) Report on Carcinogens and not found to be potential carcinogen in International Agency for Research on Cancer (IARC) Monographs or by OSHA.
Special Remarks on Chronic Effects on Humans:	No human data found at this point.

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Section 12 – ECOLOGICAL INFORMATION

Environmental Information: None at this time

Section 13 – DISPOSAL CONSIDERATIONS

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environment regulations. Do not reuse empty container.

Section 14 – TRANSPORT INFORMATION

DOT/TDG Please refer to the Bill of Lading/receiving documents for up to date shipping information where applicable.

UN number: None assigned

UN proper shipping name: None assigned

Transport hazard class (es): Not considered as a hazardous material or dangerous goods. No transport class assigned or needed.

Packing group number: No packing group assigned.

Environmental hazards: No known environmental hazards.

Guidance on transport in bulk: Transport in building according to Annex II of MARPOL 73/78 and the International Bulk Chemical Code (IBC Code).

Special precautions for user(s): No known precautions for transport. It is advised to avoid freezing product and temperatures above 140° F.

Section 15- REGULATORY INFORMATION

United States

United States Inventory: All components are listed or exempt

California Prop 65: The following detectable components of this product are substances, or belong to classes of substances, known to the State of California to cause cancer and/or reproductive toxicity.

Chemical Name
NONE

CAS Number
NONE

HMIS (USA)

Health Hazard: 1

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Fire Hazard: 0
Reactivity: 0
Personal Protection: Gloves and protective eyewear recommended

Health Hazard: 1
Fire Hazard: 0
Reactivity: 0
Personal Equipment: Gloves and protective eyewear recommended

National Fire Protection Association (USA)

Section 16 – OTHER INFORMATION

Additional Advice: None

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