



# MATERIAL SAFETY DATA SHEET



## SECTION 1: Product And Company Identification

Product Name: Bed Bug Blaster  
Product ID#: BBB-1  
Company: Ultimate Solutions  
General Information: (888) 564-3204

Bio-based Plant 25(b) / Insecticide / Pest Control  
31 Columbus Ave  
Englewood, NJ 07631  
www.ultimatesolutionsinc.net

Emergency Contact: (888) 564-3204  
Fax Number: (201) 568-1977

## Section 2: Composition / Information on Ingredients

Component	CAS #	LD50# (oral rat)	Active/Inactive	%wt
Sodium Lauryl Sulfate	151-21-3	1288 mg/kg	Active	18%
Lemongrass Oil	2007-02-1	NE	Active	1.3%
Clove Oil	8000-34-8	3720 mg/kg	Active	.75%
Thyme Oil	8007-46-3	2840 mg/kg	Active	1%
Cedar Oil	8000-27-9	5 mg/kg	Active	.89%
Peppermint Oil	8006-90-4	2426 mg/kg	Active	1%
Rosemary Oil	8000-25-7	5000 mg/kg	Active	.55%
Sodium Chloride	2657-00-3	N/E	Active	.75%
Garlic Oil	8000-78-0	850 mg/kg	Active	.50%
Vinegar 8% solution	8028-52-2	3310 mg/kg	Inactive	75.26%
Filtered Water	7732-18-5	>99,999 ml/kg	Inactive	
Palm Oil	8002-75-3	NE		

## Section 3: Hazards Identification

Appearance and Odor: Slightly Viscous Liquid, Amber or Green, Faint Odor

No Known Hazards. As defined by OSHA's Hazard Communication Standard, this product is non-hazardous.

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## Potential Health Effects:

Eyes: No evidence of Adverse effect  
Inhalation: No evidence of Adverse effect  
Ingestion: No evidence of Adverse effect  
Medical Conditions Aggravated by Exposure: None Known

Skin and Skin Absorption: No evidence of Adverse effect  
Potential Health Effects: No evidence of Adverse effect  
Chronic Effects: No evidence of Adverse effect

See section 11 for toxicology and carcinogenicity on Product Ingredients.

## Section 4: First Aid Measures

EYES: No Evidence of Adverse Effects  
INHALATION: No Evidence of Adverse Effects  
INGESTION: No Evidence of Adverse Effects  
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None Known

SKIN & SKIN ABSORPTION: No Evidence of Adverse Effects  
POTENTIAL HEALTH EFFECTS: No Evidence of Adverse Effects  
CHRONIC EFFECTS: No Evidence of Adverse Effects  
NOTE TO PHYSICIANS: No Specific Instructions

See Section 11 for Toxicology and Carcinogenicity information on product ingredients

## Section 5: Fire Fighting Measures

Flash Point: None (TCC)  
UEL: NA  
LEL: NA

Autoignition Temperature: NE  
Explosion Sensitivity to Impact: None  
Protection to Firefighters: None

Flammable Properties: As defined by OSHA, this product is non-flammable  
Explosion Sensitivity to Static Discharge: None  
Products of Combustion: None  
No special Precautions needed.

## Section 6: Accidental Release Measures

Personal Precautions: Evacuate the Area as the floor may be slippery. Use care to prevent Slips and Falls.  
Methods for Containment and Cleanup: Rinse area thoroughly with water. This product is safe to wash into waste systems.

## Section 7: Handling and Storage

Handling procedures: No Special procedures needed.  
Storage Procedures: Store in a cool, well ventilated area. Avoid low temperatures.

## Section 8: Exposure Controls / Personal Protection

		OSHA		ACGIH		OTHER	
Component		TWA	STEL	TWA	STEL	Source	Unit
Filtered Water	NE	NE	NE	NE	NE	NA	NA
Plant Extracts	NE	NE	NE	NE	NE	NA	NA

All other components have Vacated values for exposure or hazard due to denaturing when added to the proprietary base compound

NE=Not Established C= Ceiling S=Skin V= Vacated

## Section 9: Physical and Chemical Properties

Specific gravity: 1.001  
Initial Boiling Point: 214° F  
Solubility in Water: Complete

Physical State: Liquid  
Color: Clear  
Odor: Faint Odor  
pH: 8.8

Volatile Organic Compounds: VOC levels of DDC by weight of the cleaner do not exceed 10% in accordance with 40 CFR parts 9 and 59  
Estimated tested amount per product = <1mm/Hg

## Section 10: Stability and Reactivity

Stability: Stable Incompatible Materials: None Known  
Possibility of Hazardous Reaction: None Known

## Section 11: Toxicological Information

IARC Monographs: None OSHA Regulated: No Embryotoxicity: None Mutagenicity: None Acute Exposure Effects: None  
Skin Sensitization: None Respiratory Sensitization: None Reproductive Toxicity: None Chronic Effects: None Teratogenicity: None  
Carcinogenicity: This Product does not contain any known or suspected human carcinogens

## Section 12: Ecological Information

Ecotoxicity / Aquatic Toxicity: None Persistence / Degradability: Readily Biodegradable

## Section 13: Disposal Considerations

Chemicals contained are not listed as hazardous waste. Safe to wash into waste systems.

## Section 14: Transport Information

Proper Shipping Description: US DOT: None PIN: None TDG: None Special Provisions: None

## Section 15: Regulatory Information-U.S. Federal

Comprehensive Environmental Response, Compensation and Liability Act (CIRCLA) Reportable Quantities (RQ's) for the following Ingredients: None  
Spills of any ingredient at or above the RQ level require an immediate notification of the National Response Center (800)424-8802 and Local Agencies  
Superfund Amendments Reauthorization ACT (SARA) Title III Section 302 Extremely Hazardous Substances (EHS): None Other Regulatory Info.: None

This product contains the following substances subject to SARA reporting (sections 311, 312 and 313) and 40 CFR part 372: None

State regulations: This product contains NO harmful ingredients under California Prop 65 Safe drinking water and Toxic Enforcement Act: None

## State Right To Know

Massachusetts: None New Jersey: None Pennsylvania: None Rhode Island: None Clean Air Act: None

## Section 16: Other Information

(HMIS) Health: 0 Flammability: 0 Reactivity: None PPE: None

Prop.: Proprietary Keys to abbreviations: TCC: Tags Closed Cup NE: Not Established  
CAS: Chemical Abstract Service NA: Not Applicable  
OSHA: Occupational Safety & Health Administration ppm: Parts per Million mg:Milligram  
PPE: Personal protective Equipment ND: Not Determined TLV: Threshold limit Value ml: Milliliter  
PMCC: Pensky-Martins Closed Cup g/L: Grams per liter TWA: Time Weighted Average kg:Kilogram  
NIOSH: National Institute of Occupational Safety & Health lbs. / gal: Pounds per Gallon gr: Gram  
ACGIH: American Conference of Government Industrial Hygienists STEL: Short Term Exposure Limit k: 1000  
PEL: Permissible Exposure Limit

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