

Material Safety Data Sheet

Prepared in Accordance with OSHA 29 CFR 1910.1200

Section 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Bed Bug Bully

Date: 10/27/14

Product Use: Bed Bug Killer

Chemical Family:

Chemical Formula:

Manufacturer/Supplier: Optimal Chemical, Inc.

IN CASE OF EMERGENCY:

1830 Radius Drive, Suite: 16
Hollywood, FL 33020
(888) 440-3826

ChemTel (800) 255-3924
International: 011-813-248-0585
Contract # MIS0005837

TSCA: TSCA Inventory: All components listed or are exempt from listing.

DSL/NDL: All components listed unless noted elsewhere in this MSDS.

Section 2 – COMPOSITION AND INFORMATION ON INGREDIENTS

Name	CAS #	% by Wt.	Exposure Limits	LC ₅₀ /LD ₅₀
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Does Not Contain Any Hazardous Ingredients At Or Above Reportable Levels As Defined By Osha (29Cfr 1910.1200)

Section 3 – HAZARDS IDENTIFICATION

CLASSIFICATION: Does Not Present Hazards According To Osha (29Cfr 1910.1200)

HAZARD STATEMENT(S): None Known

This Product Contains The Following Percentage Of Chemicals Of Unknown Toxicity: 0%

PRECAUTIONARY STATEMENTS: N/A

SYMBOL: N/A

HAZARDS NOT OTHERWISE CLASSIFIED: N/A

Section 4 – FIRST AID MEASURES

Eye Contact: Hold eyes open and rinse slowly and thoroughly with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor immediately for treatment.

Skin Contact: Rinse skin with plenty of water for 15 - 20 minutes. Call a poison control center or doctor for further treatment advice.

Inhalation: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth. Call a poison control center or doctor for further treatment advice.

Ingestion: Rinse Rinse mouth with water for at least 15 minutes. Do not induce vomiting unless directed by medical authority. Seek medical attention if irritation persists.

Potential Acute Health Effects: None Known

Potential Chronic Health Effects: None

Carcinogenic Effects: Not Classified or listed by IARC, NTP, OSHA, EU and ACGIH.

Note to Physician: There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

Section 5—FIRE FIGHTING MEASURES

Products of Combustion: Not available.

Fire Fighting Media & Instructions: N/A

Special Remarks on Fire Hazards: N/A

Special Remarks on Explosion Hazards: N/A

Fire Hazards in Presence of Various Substances:

No specific information is available in our database regarding the flammability of this product in presence of various materials.

Explosion Hazards in Presence of Various Substances:

Not applicable.

Section 6—ACCIDENTAL RELEASE MEASURES

Spill: Absorb spill with non-combustible material such as vermiculite, sand, or earth.

Waste Disposal: Dispose of in accordance with federal, state, and local regulations. Do not reuse container, triple rinse container and recycle or place in teach collection. Drums and pails should be offered for recycling.

Personal Protection Equipment: Safety glasses and chemical resistant gloves.

RCRA Status: Waste likely considered Non-hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

Section 7—HANDLING AND STORAGE

Precautions: Keep out of the reach of children.

Incompatibility: Strong acids, strong alkalis, halogenated compounds, brass, aluminum, bronze, copper, iron, zinc, lead tin.

Handling & Storage: Store in a cool, dry area. Keep container tightly closed when not in use. Use good industrial practices, handle with care and avoid contact.

Section 8—EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: Does not contain any hazardous ingredients at or above reportable levels as defined by OSHA (29CFR 1910.1200)

Engineering Controls: Good general ventilation should be sufficient to control airborne levels.

Personal Protection:

Eyes: Splash goggles

Body: Long pants and long sleeves to avoid skin contact.

Respiratory: Not applicable.

Hands: Gloves (impervious)

Protective Clothing: Splash goggles & impervious gloves.

Section 9—PHYSICAL AND CHEMICAL PROPERTIES

Physical State/Appearance: Brown Turbid Liquid

Odor: Cinnamon Scent

Odor Threshold: N/D

Molecular Weight: N/D

pH: 7.0

Boiling/Condensation Point: >212°F (100°C)

Melting/Freezing Point <32°F (0°C)

Critical Temperature: N/D

Instability Temperature: N/D

Specific Gravity (water=1): 1.01 @ 77F (25°C)

Vapor Pressure: 217.5 @ 77F (25°C)

Vapor Density: 1 (air=1)

Volatility Including Water(%): 96.1

VOC: 0%

Evaporation Rate: < 1

Dispersion Properties: see solubility in water

Solubility In Water: 100%

Auto-ignition Temperature: N/D

Flash Points: N/D

Flammable Limits: Not considered a flammable liquid by OSHA (29CFR 1910.1200).

Section 10—STABILITY AND REACTIVITY DATA

Stability: The product is stable.

Incompatibility with Various Substances: Strong acids, strong alkalis, halogenated compounds, brass, aluminum, bronze, copper, iron, zinc, lead tin.

Hazardous Decomposition Products: Will not occur.

Special Remarks on Toxicity to Animals: No additional remark.

Special Remarks on Chronic Effects on Humans: No additional remark.

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Section 11—TOXICOLOGICAL INFORMATION

Routes of Entry: Eyes, Ingestion, Inhalation, Skin.

Toxicity to Animals: Acute oral toxicity (LD50): 3030 mg/kg (Rat). (Tetrasodium EDTA)

Acute Effects on Humans:

Eyes: Eye irritant. Liquid and mist may damage the eyes causing corneal injury.

Skin: Skin irritant. Prolonged or repeated contact may cause dermatitis.

Inhalation: May cause irritation to respiratory tract

Ingestion: May be irritating to the mouth, throat and gastrointestinal system. Burning pain, vomiting and diarrhea expected with large doses.

Chronic Effects on Humans: None.

Carcinogenic Effects: Not Classified or listed by IARC, NTP, OSHA, EU and ACGIH.

Section 12—ECOLOGICAL INFORMATION

Toxicity of the Products of Biodegradation: Not available.

Special Remarks on the Products of Biodegradation: No additional remark.

Section 13—DISPOSAL CONSIDERATIONS

Waste Information: Any method in accordance with applicable laws.

Waste Stream: Not available.

RCRA Status: Waste likely considered Non-hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261)

Section 14—TRANSPORT INFORMATION

Proper Shipping Name: Cleaning Compound N.O.S., Non Regulated

Hazard Class/Division: None

PIN UN, Proper Shipping Name, PG: Not applicable

Package Group: None

Air Shipment:

Proper Shipping Name: Cleaning Compound N.O.S., Non Regulated

Hazard Class/Division: None

PIN UN, Proper Shipping Name, PG: Not applicable

Shipping By Water:

Vessel (IMO/IMDG)

Proper Shipping Name: Cleaning Compound N.O.S., Non Regulated

Hazard Class/Division: None

PIN UN, Proper Shipping Name, PG: Not applicable

Environmental Hazards Water: N/A

Section 15—REGULATORY INFORMATION

TSCA Status: All chemicals listed or exempt.

CERCLA (Comprehensive Response Compensation, And Liability Act): None

SARA 311/312 Hazard Categories: None

SARA 313 Reportable Ingredients: None

Clean Water Act: None

State Regulations: California Proposition 65: None

International Regulations: All components are listed or exempted.

NFPA Health:	1	NMIS Health:	1
NFPA Flammability:	0	HMIS Flammability:	0
HMIS Reactivity:	0	HMIS Reactivity:	0
NFPA Other:	N/A	HMIS Protection:	A

Section 16—OTHER INFORMATION

DISCLAIMER: To the best of our knowledge, information contained herein is accurate. However there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.