

# Material Safety Data Sheet

Prepared in Accordance with OSHA 29 CFR 1910.1200

## Section 1—CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Stop Bugging Me!

Date: 6/25/12

Synonym: Bed Bug Spray 25b

Chemical Family: N/A

Chemical Formula: N/A

Manufactured for: Hygienic Solutions US  
4305 Exchange Avenue  
Naples, FL 34104  
(800) 222-7771

IN CASE OF EMERGENCY:  
ChemTel: (800) 255-3924  
Contract # MIS0007154

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

Company regards the identity of the individual components of this product to be proprietary information which is being withheld in accordance with Trade Secret provisions of 29CFR 1910.1200. Certain of the ingredients included may be classified as health hazards, the effects of which would be presumed to be mitigated in the mixture.

Product and/or component(s) carcinogenic at 0.1% or greater according to OSHA, IARC, NTP, or Other: NO

## 3—HAZARDS IDENTIFICATION

HCS Class: Not hazardous

**Potential Acute Health Effects:** Liquid or spray mist may produce irritation particularly on mucous membranes of eyes, mouth and respiratory tract.

**Potential Chronic Health Effects:** Prolonged exposure may result in skin irritation.

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

## 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:** Call a poison control center immediately for treatment advice. Have person sip a glass of water if able to swallow. Do NOT induce vomiting unless instructed to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

## Section 5—FIRE FIGHTING MEASURES

Products of Combustion: N/A

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: N/A

## Section 6—ACCIDENTAL RELEASE MEASURES

**Small Spill and Leak:** Chemical anti-splash goggles. Absorb with an inert material and place in an appropriate waste disposal container.

**Large Spill and Leak:** Avoid to runoff sewers and waterways. Wear Protective Clothing. Absorb with inert material. Contact your local emergency planning commission for further instructions.

**Personal Protection in Case of Large Spill:** Chemical anti-splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist **BEFORE** handling this product.

### Section 7—HANDLING AND STORAGE

**Precautions:** Avoid contact with skin and eyes.

**Incompatibility:** None known.

**Storage:** Keep out of reach of children. Do not store above 120 degrees F. For institutional and commercial use.

**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.

**NOTE:** Keep from freezing. If exposed to temperatures below 32 degrees F for any extended period of time, return to room temperature for 12 hours and shake prior to use.

### Section 8—EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Limits:** N/A

### Section 9—PHYSICAL AND CHEMICAL PROPERTIES

**Physical State/Appearance:** Liquid

**Molecular Weight:** Not applicable

**pH:** 7-8

**Boiling/Condensation Point:** 214 °F initial

**Melting/Freezing Point** N/A

**Critical Temperature:** N/A

**Instability Temperature:** N/A

**Specific Gravity:** 0.991 (water=1)

**Vapor Pressure:** 20mm Hg @ 68 °F

**Vapor Density:** >1 (air=1)

**Volatility:** 95

**VOC:** N/A

**Evaporation Rate:** < compared to water

**Dispersion Properties:** see solubility in water

**Solubility:** Easily soluble in cold water

**The Product Is:** May be combustible @ high temp.

**Auto-ignition Temperature:** N/A

**Flash Points:** N/A

**Flammable Limits:** N/A

### Section 10—STABILITY AND REACTIVITY DATA

**Stability:** This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

**Incompatibility with Various Substances:** None known.

**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:** N/A

**BOD5 and COD:** N/A

**Products of Biodegradation:** Possibly hazardous short term degradation products are not likely.

### Section 11—TOXICOLOGICAL INFORMATION

**Routes of Entry:** Skin Contact. Ingestion. INHALATION.

**Toxicity to Animals:** Acute oral toxicity (LD50): N/A

**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:** N/A

**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 known.

### Section 12—ECOLOGICAL INFORMATION

**Toxicity of the Products of Biodegradation:** N/A

**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:** N/A

#### Section 14—TRANSPORT INFORMATION

DOT (U.S.A.): N/A

TDG Classification: N/A

PIN UN, Proper Shipping Name, PG: Not applicable

Maritime Transportation: Not applicable.

Special Provisions for Transport: Not applicable

#### Section 15—OTHER REGULATORY INFORMATION

Regulatory Lists: No products were found.

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:

HCS (U.S.A.): HCS Class: na

DSD (EEC): This product is not classified according to the EU regulations.

International Regulation Lists: No products were found.

Hazardous Material Information System (U.S.A.): Health—1; Flammability—0; Physical Hazard—0

National Fire Protection Association (U.S.A.): Health—1; Flammability—0; Instability—0

*The Hazard Ranking systems presented in this MSDS provide only a quick reference for hazard information. The ENTIRE MSDS must be consulted to determine any specific hazards, First Aid measures and PPE associated with this product.*

#### Section 16—OTHER INFORMATION

The health hazards given on the Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure to the diluted product under conditions of ordinary use.



# Material Safety Data Sheet

Prepared in Accordance with OSHA 29 CFR 1910.120

## SECTION 1—CHEMICAL PRODUCT AND COMPANY INFORMATION

Product Name: Stop Bugging Me! MAX

Synonym: Stop Bugging Me! MAX Ready To Use Indoor and Outdoor Insecticide

Chemical Family: N/A

Chemical Formula: N/A

Date: 6/25/2012

IN CASE OF EMERGENCY:

ChemTel: (800) 255-3924

Contract # MIS0007154

Manufactured for:

Hygienic Solutions US

4305 Exchange Avenue

Naples, FL 34104

800-222-7771

## SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS #	% by Wt.
Esfenvalerate	066230-04-4	0.025

COMMENTS: Ingredients not identified are proprietary or non-hazardous. Values are not product specifications.

## SECTION 3. HAZARDS IDENTIFICATION / EMERGENCY OVERVIEW

**IMMEDIATE CONCERNS:** CAUTION. Harmful if swallowed or absorbed through the skin. Avoid contact with skin, eyes, and clothing.

Do not use this product in or on electrical equipment due to the possibility of shock hazard.

### **POTENTIAL HEALTH EFFECTS**

**EYES:** May cause temporary irritation, tearing, and blurred vision.

**SKIN:** Can cause skin irritation. Can cause a burning or prickling sensation on more sensitive areas (face, eyes, mouth).

**SKIN ABSORPTION:** Harmful if absorbed through the skin.

**INGESTION:** Harmful if swallowed.

**INHALATION:** Excessive inhalation may be irritating to the respiratory tract.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE CHRONIC EFFECTS:** None known.

**COMMENTS:** This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

## SECTION 4. FIRST AID MEASURES

**INGESTION:** If swallowed, immediately call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or a doctor. Never give anything by mouth to an unconscious person.

**SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

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

**NOTES TO PHYSICIAN:** For skin effects, a highly efficient therapeutic agent for pyrethroid exposure is topical application of tocopherol acetate (Vitamin E). Diazepam has been recommended to reduce the CNS effects of Esfenvalerate.

## SECTION 5. FIRE FIGHTING MEASURES

**FLASHPOINT AND METHOD:** > 93.3 °C (200 °F) TAG Closed Cup

**FLAMMABLE CLASS:** This product is not classified as flammable or combustible by OSHA.

**EXTINGUISHING MEDIA:** Use water spray, foam, carbon dioxide or dry chemical.

**HAZARDOUS COMBUSTION PRODUCTS:** Under fire conditions this product may support combustion and may decompose to give off toxic gases such as hydrogen cyanide, carbon monoxide, carbon dioxide, and nitrogen oxides.

**FIRE FIGHTING PROCEDURES:** Use a full-faced self-contained breathing apparatus along with full protective gear. Keep nearby containers and equipment cool with a water stream.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Stop release, if possible without risk. Dike or contain release, if possible, and if immediate response can prevent further damage or danger. Isolate and control access to the release area. Take actions to reduce vapors. Absorb with appropriate absorbent such as sand, or vermiculite. Clean spill area of residues and absorbent.

**LARGE SPILL:** Stop release, if possible without risk. Dike or contain release, if possible, and if immediate response can prevent further damage or danger. Isolate and control access to the release area. Take actions to reduce vapors. Collect product into drums, storage tanks, etc., via drains, pumps, etc. Absorb with appropriate absorbent such as sand or vermiculite. Clean spill area of residues and absorbent.

## ENVIRONMENTAL PRECAUTIONS

**WATER SPILL:** Contains pyrethroids which are toxic to fish and other aquatic invertebrates. Contaminated absorbent and wash water should be disposed of according to local, state/provincial and federal/national regulations.

## SECTION 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Do not use in or around electrical equipment due to the possibility of shock hazard.

**HANDLING:** Take prudent precautions to avoid contact with skin, eyes, and clothing. Mechanical ventilation should be used when handling this product in enclosed spaces. Do not contaminate water, food or feedstuffs, by storage, handling, or by disposal. Read and observe all precautions and instructions on the label.

**STORAGE:** Store containers upright and closed. Always store pesticides in the original container. Store away from food and pet-food. Store in areas that are cool, dry and well-ventilated. Keep away from strong acids, bases and oxidizers. Do not allow product to exceed 160 °F (71.1 °C) as HYDROGEN CYANIDE GAS may be produced. Keep out of reach of children.

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
Chemical Name		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Esfenvalerate	TWA	None		None		[1]	2 [1]
<b>OSHA TABLE COMMENTS:</b>							
1. Skin							

**ENGINEERING CONTROLS:** Mechanical ventilation should be used when handling this product in enclosed spaces. Local exhaust ventilation may be necessary.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Take prudent precautions to avoid contact with eyes.

**SKIN:** Take prudent precautions to avoid contact with skin and clothing.

**WORK HYGIENIC PRACTICES:** Personal hygiene is an important work practice exposure control measure; take the following general measures when working with or handling this material: 1) do not store, use and/or consume foods, beverages, tobacco products or cosmetics in areas where this material is stored; 2) carefully wash hands and face before eating, drinking, using tobacco, applying cosmetics or using the toilet.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Slight sweet-smell.

**APPEARANCE:** Clear, yellow-colored liquid.

**COLOR:** 1.0 on Gardner Scale.

**pH:** 6.4 (Notes: @ 10% in water)

**VAPOR DENSITY:** Heavier than air.

**FREEZING POINT:** Not Determined

**FLASHPOINT AND METHOD:** > 93.3 °C (200 °F) TAG  
Closed Cup

**SOLUBILITY IN WATER:** Miscible in water

**SPECIFIC GRAVITY:** 0.999 (Water = 1) at 20 °C (68 °F)

**VISCOSITY #1:** 6 CPS at 22.6 °C (72.7 °F) Brookfield  
(VOC): < 1.000 %

## SECTION 10. STABILITY AND REACTIVITY

**STABLE:** Yes

**HAZARDOUS POLYMERIZATION:** No

**CONDITIONS TO AVOID:** Not compatible with strong acids or bases. Not compatible with strong oxidizers.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Hydrogen cyanide, carbon monoxide, carbon dioxide and nitrogen oxides may be formed by thermal decomposition at 160 °F (71.1 °C) or higher, or by contact with alkaline substances such as soda ash and lye.



## SECTION 11. TOXICOLOGICAL INFORMATION

Data from laboratory studies conducted on similar, but not identical, formulation:

**ORAL RAT LD<sub>50</sub>:** > 1500 mg/kg

**DERMAL RAT LD<sub>50</sub>:** > 2000 mg/kg

**INHALATION RAT LC<sub>50</sub>:** The Acute Inhalation LC<sub>50</sub> of this material places it in EPA Toxic Category IV.

**EYE EFFECTS:** Irritation cleared within 24 hours.

**SKIN EFFECTS:** Slight irritation at 72 hours. Irritation Index = 0.83

**SENSITIZATION:** Negative; not considered to be a dermal sensitizer to albino guinea pigs.

**COMMENTS:** None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as being carcinogens.

## SECTION 12. ECOLOGICAL INFORMATION

This pesticide is extremely toxic to fish. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help ensure that wind or rain does not blow or wash pesticide off the treatment area. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters, unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product into sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

## SECTION 13. DISPOSAL CONSIDERATIONS

### **DISPOSAL METHOD:**

Non-refillable container. Do not reuse or refill this container.

**IF EMPTY:** Place in trash or offer for recycling if available.

**IF PARTLY FILLED:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

**RCRA/EPA WASTE INFORMATION:** None of the ingredients in this product appear on the RCRA lists (40 CFR 261.24, 40CFR 251.33) or CERCLA Hazardous Substance list (40 CFR Part 302 Table 302.4)

## SECTION 14. TRANSPORT INFORMATION

### **DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** Insecticides, Insect or Animal Repellent, Liquid, N.O.S.

**PRIMARY HAZARD CLASS/DIVISION:** Non-Hazardous

**OTHER SHIPPING INFORMATION:** This material is not regulated by the DOT as a hazardous material when shipped in Non-Bulk quantities (i.e., less than 119 Gallons / 450 Liters).

When shipping in Bulk-quantities (i.e., more than 119 Gallons / 450 Liters), please contact distributor for the proper shipping description.

### **AIR (ICAO/IATA)**

**SHIPPING NAME:** Insecticides, Insect or Animal Repellent, Liquid, N.O.S.

**PRIMARY HAZARD CLASS/DIVISION:** Non-Hazardous

**VESSEL (IMO/IMDG) SHIPPING NAME:** Not Available

## SECTION 15. REGULATORY INFORMATION

### **UNITED STATES**

### **SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**FIRE:** No

**PRESSURE GENERATING:** No

**REACTIVITY:** No

**ACUTE:** Yes

**313 REPORTABLE INGREDIENTS:** This product contains no SARA Title III Section 313 chemicals that exceed the reporting limits.

### **302/304 EMERGENCY PLANNING**

**EMERGENCY PLAN:** There are no SARA Title III Section 302 extremely hazardous substances present in this formulation (40 CFR 355).

There are no components that are subject to emergency requirements under CERCLA Section 103(a)(40 CFR 302.4) in this formulation.

### **TSCA (TOXIC SUBSTANCE CONTROL ACT)**

**TSCA STATUS:** All chemical substances found in this product comply with the Toxic Substances Control Act's inventory reporting requirements.

## REGULATIONS

STATE REGULATIONS VOLATILE ORGANIC COMPOUNDS (VOC): This product contains less than 1% VOCs.

### SECTION 16. OTHER INFORMATION

**HMIS RATINGS NOTES:** We assign HMIS ratings to this product based on the hazards of its ingredients(s). Since the customer is most aware of the applications and conditions of use, he or she must ensure that the proper Personal Protective Equipment is provided, consistent with the information contained in Section's 7 and 8 of this MSDS.

#### **HMIS Rating**

Health: 1

Flammability: 1

Physical Hazard: 1

The information provided herein was believed to be accurate at the time of preparation from a compilation of sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling, storage and use of this product and to determine the suitability of the product for its intended use. It is a violation of Federal law to use this product in a manner inconsistent with applicable law.