

ITEM NUMBER: 271 – BUG BUSTER INSECT KILLER

VERSION 3 EFFECTIVE DATE: 05/12/04 SUPERCEDES: 03/03/00 PREPARED BY: Regulatory Compliance

Section(s) Revised: HMIS, II, III, IV, V, VI, VIII, IX

IDENTITY (As Used On Label and List): BUG BUSTER INSECT KILLER

Emergency Medical Telephone Number 1-866-836-8855 (24 HRS) Outside the U.S.A. Call 952-852-4646

PRODUCT HAZARD RATINGS (HMIS®): - Health = 1\*, Fire = 2, Reactivity = 1 Protective Equipment = B

(Rating Legend: - 4 = Extreme, 3 = Serious, 2 = Moderate, 1 = Slight, 0 = Minimal, \* = Chronic Hazard)

**SECTION I**CLAIRE MANUFACTURING  
500 VISTA AVE.  
ADDISON, IL 60101

TELEPHONE NUMBER FOR INFORMATION: 1-800-252-4731

DATE PRINTED: August 8, 2005

NAME OF PREPARER: Regulatory Compliance

**SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

Chemical Names	CAS #	SARA SEC 313	ACGIH TLV-TWA/STEL	OSHA PEL-TWA/STEL	% By Wt.
Pyrethrins	8003-34-7	No	5 mg/m3 / NE	5 m/m3 / NE	0.1-1.0
Piperonyl Butoxide	51-03-6	No	NE / NE	NE / NE	1-5
Petroleum Distillate	64742-47-8	No	NE / NE	152 ppm* / NE	5-30
Liquefied petroleum gas mixture	(68476-86-8)	No	See below ingredients data		10-20
Propane	47-98-6	No	1000 ppm/ NE	1000 ppm/ NE	(48-55)
n-butan	106-97-8	No	1000 ppm/ NE	NE/ NE	(45-49)
Isobutane	75-28-5	No	1000 ppm/ NE	NE / NE	(0.5-2.0)

Balance of ingredients are non-hazardous or below reportable levels.

\* Supplier recommendation

**SECTION III - PHYSICAL CHARACTERISTICS**

Boiling Point: NA Can Pressure (psig): 151 @ 130F / 71 @ 70F Specific Gravity – calculated (H2O=1): 0.8189

pH: 7.08 Solubility/Water: Emulsifiable Vapor Density (AIR=1): ND Evaporation Rate (Ether=1): ND

Appearance and Odor: Thick white aerosol spray with fragrant odor.

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

Aerosol Flammability: Product does not need to be labeled as flammable as described in 40 CFR 156.78.

Flashpoint: &lt;0F (Propellant); &gt;150F (Concentrate)

Flammable Limits - % Volume In Air (Propellant): LEL: NA UEL: NA

Extinguishing Media: Carbon dioxide, foam, or dry chemical.

Special Fire Fighting Procedures: Containers should be cooled with water to prevent vapor pressure build up.

Use equipment or shielding, as required, to protect personnel from bursting, rupturing or venting containers.

Unusual Fire and Explosion Hazards: Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH-approved positive pressure self-contained breathing apparatus (SCBA) and full protection clothing. At elevated temperatures (over 54C-130F) containers exposed to direct flame or heat contact should be cooled with water to prevent weakening of container structure.

**SECTION V - REACTIVITY DATA**

Stability: Stable Hazardous Polymerization: NA

Incompatibility (Materials to Avoid): Oxidizing agents, acids, bases.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, nitrogen oxides.

Conditions to Avoid: Keep away from heat, sparks, and flames. Dropping of containers may cause bursting.

**SECTION VI - HEALTH HAZARD DATA**

Route(s) of Entry - Inhalation: Y Eyes: Y Skin: Y Ingestion: N

HAZARDS IDENTIFICATION: EYES: May cause temporary irritation, tearing and blurred vision. SKIN: Harmful if absorbed through skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

INHALATION: Excessive inhalation can cause nasal and respiratory irritation, nausea and nervous disorders, such as fatigue, dizziness, headaches, lack of coordination. INGESTION: Exposure by ingestion is unlikely since an aerosol, but if occurs: Can cause stomach irritation, resulting in nausea, cramps and vomiting. Can cause nervous system disorders, such as fatigue, dizziness, headaches, lack of coordination, and tremors.

AGGRAVATED MEDICAL CONDITIONS: None Known.

CHRONIC EFFECTS/TARGET ORGANS: None known.

EMERGENCY AND FIRST AID PROCEDURES: EYES: Immediately flush with plenty of water for at least 15 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. SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20

minutes. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. INHALATION: Remove affected person to fresh air. If breathing has stopped, administer artificial respiration and seek medical attention immediately. INGESTION: In the unlikely event of swallowing: Call a physician or poison control center and seek medical attention immediately. Never give anything by mouth to an unconscious person.

**CARCINOGENICITY:**

No regulated ingredients.

**TOXICITY INFORMATION:****Product:**

Not considered to be a dermal sensitizer to albino guinea pigs.

LD50 Oral (Albino Rat): >5000 mg/kg

LD50 Dermal (Albino Rabbit): >2000 mg/kg

LC50 Inhalation (Rat): >2.70 ppm/4 hr

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**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**


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Releases or Spills: Remove all sources of ignition and ventilate area. Soak up spill with an inert absorbent and place into a designated disposal container. Consult local regulatory agency for proper disposition of material.

Waste Disposal Method: Do not puncture or incinerate containers. When contents are depleted continue to depress button until all gas is expelled. Unused product may be disposed of by securely wrapping container in several layers of newspaper and discard in trash. Disposal regulations may be different for each state and/or locality.

Handling And Storing: Avoid breathing vapor or spray mist. Keep away from heat, sparks and flame. Use with adequate ventilation. Do not puncture or incinerate containers. Do not expose to direct sunlight or store at temperatures above 130F (54.4C). Store as Level 1 Aerosol (NFPA 30B).

Other Precautions: Please read and follow the directions on the product label; they are your best guide to using this product in the most effective way, and give the necessary safety precautions to protect your health.

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**SECTION VIII - EMPLOYEE PROTECTION**


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Respiratory Protection (Type): None required if good ventilation is maintained. If exposure exceeds occupational exposure limits (Sec. II), use a NIOSH approved respirator to prevent overexposure.

Ventilation: Mechanical ventilation should be used when handling this product in enclosed or tight spaces. Local exhaust ventilation may be necessary.

Protective Gloves: Chemical resistant gloves are recommended – consult glove manufacturer to determine the proper type for a specific operation.

Eye Protection: OSHA-approved safety glasses, goggles or face shield are recommended.

Other Protective Clothing or Equipment: Wearing of impervious clothing to prevent skin contact is optional.

Work/Hygienic Practices: Ensure strict sanitary conditions are conformed to when working around chemicals. Protective clothing and equipment should be in accordance with 29 CFR 1910.132 and CFR 1910.133.

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**SECTION IX-OTHER REGULATORY CONTROLS**


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**FEDERAL:**

Toxic Substance Control Act (TSCA): Ingredients of this product are listed on the EPA/TSCA Inventory of Chemical Substances.

United States Environmental Protection Agency: EPA Registration Number 1021-1732-706

**STATE RIGHT-TO-KNOW:**

Pennsylvania/New Jersey Right-To-Know (Chemical and CAS No.):

Deionized Water	7732-18-5
Petroleum Distillate	64742-47-8
Piperonyl Butoxide	51-03-6
Sodium Benzoate	532-32-1
Liquefied petroleum gas mixture 270	(68476-86-8)
Propane	74-98-6
n-Butane	106-97-8
Isobutane	75-28-5

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**SECTION X-TRANSPORTATION (D.O.T. CLASSIFICATION)**


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Shipping Name: Consumer Commodity      Hazard Class: ORM-D

NG - Negligible    NA-- Not Applicable    NE-- Not Established    UN-- Unavailable    ND-- Not Determined

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