

ITEM NUMBER: C-002 -XA007

VERSION 4 EFFECTIVE DATE: 03/08/04 SUPERCEDES: 11/03/00 PREPARED BY: Regulatory Compliance

Section(s) Revised: All

IDENTITY (As Used On Label and List): Claire Multi-Use Insecticide Fogger

Emergency Medical Telephone Number 1-800/228-5635 (24 HRS) Outside the U.S.A. Call 651/632-9275

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: 3/8/04

NAME OF PREPARER: Ron Cepa

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

Chemical Names	CAS #	SARA SEC 313	ACGIH TLV-TWA/STEL	OSHA PEL-TWA/STEL	% By Wt.
Deodorized kerosene	64742-47-8	No	100 ppm*/NE	NE/NE	1-10
Liquefied petroleum gas mixture	68476-86-8	No	See Below Ingredient Data		30-40
Propane	74-98-6	No	2500 ppm/NE	1000 ppm/NE	48-55
n-Butan	106-97-8	No	800 ppm/NE	NE/NE	45-49
Isobutane	75-28-5	No	NE/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): 152 @ 130F / 71 @ 70F Specific Gravity - calculated (H2O=1): 0.7583  
pH: 5.93 Solubility/Water: Slight Vapor Density (AIR=1): ND Evaporation Rate (Ether=1): ND  
Appearance and Odor: Off-white aerosol spray with characteristic odor.

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

Aerosol Flammability: Product does not need to be labeled as flammable as described in 40 CFR 156.10. Product label is required to state "Highly Flammable Ingredient" per PR Notice 98-6.

Flashpoint: &lt;0F (Propellant); 152F (Concentrate)

Flammable Limits - % Volume In Air (Propellant): LEL: 1.9 UEL: 9.5

Extinguishing Media: Carbon dioxide, water spray, 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.

Hazardous Decomposition Products: Carbon monoxide, hydrocarbon vapors.

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 mild irritation. SKIN: Prolonged or repeated contact may dry or defat the skin and lead to irritation (i.e. dermatitis). INHALATION: High concentration or prolonged exposure can be irritating to eyes, nose and respiratory tract. Under misuse or intentional misuse, product may cause asphyxiation. INGESTION: Exposure by ingestion is unlikely since an aerosol, but if ingested, the following may occur: Irritating to the mouth, throat and stomach. May cause nausea, vomiting, pain, and stomach upset (e.g., diarrhea). Possible aspiration hazard - may cause inflammation of the lungs.

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. Get

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prompt medical attention. SKIN: Immediately flush with plenty of water for at least 15 minutes. Get prompt medical attention. INHALATION: Remove to fresh air. If symptoms develop, seek immediate medical attention. If not breathing, give artificial respiration. INGESTION: In the unlikely event of swallowing: Get immediate medical attention. Do NOT induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person.

## CARCINOGENICITY:

No regulated ingredients.

## TOXICITY INFORMATION:

## Product:

LD50 Oral (Rat): >5000 mg/kg  
 LD50 Dermal (Rabbit): >2000 mg/kg  
 LC50 Inhalation (Rat): >3.03 mg/L @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. Dispose of container in accordance with local, state, and federal regulations. Disposal regulations may be different for each state and/or locality.  
 Handling And Storing: Avoid breathing vapor. 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 120F (48.9C). 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: Safety glasses are recommended.  
 Other Protective Clothing or Equipment: Wearing of impervious clothing to prevent skin contact may be worn. 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): Exempt.

## STATE RIGHT-TO-KNOW:

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

Deionized Water	7732-18-5
Deodorized kerosene	64742-47-8
Sodium Benzoate	532-32-1
N-Octyl Bicycloheptene Dicarboximide	113-48-4
Liquefied petroleum gas mixture	(68476-86-8)
Propane	74-98-6
n-Butane	106-97-8
Isobutane	75-28-5

## CANADA:

Domestic Substances List: Ingredients of this product are not listed: Esfenvalerate

Non-Domestic Substances list: Ingredients of this product are not listed: Esfenvalerate

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


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Shipping Name: Consumer Commodity

Hazard Class: ORM-D

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

While the information set forth herein is believed to be accurate as of the date hereof, the Company makes no warranty or guarantee, express or implied, and disclaims all liability arising out of the use of this information.

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