

ITEM NUMBER: C-261

IDENTITY (As Used On Label and List): Down &amp; Out Flying Insect Killer

EMERGENCY MEDICAL Telephone# 1-800-228-5635 (24 Hrs)

Outside of the U.S.A. Call 651-632-9275

PRODUCT HAZARD RATINGS (NFPA): Health = 1, Fire = 2, Reactivity = 0, Protective Equipment = B

(Rating Legend: 4 = Extreme, 3 = Serious, 2 = Moderate, 1 = Slight, 0 = Minimal)

**SECTION I**

CLAIRE MANUFACTURING  
500 VISTA AVE.  
ADDISON, IL 60101

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

DATE PRINTED: 12/8/03

NAME OF PREPARER: Ron Cepa

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

Chemical Names	CAS#	SARA Title III SEC 313	ACGIH TLV/TWA	OSHA PEL	% By Wt.
Mineral Spirits	64742-48-9	NO	177 ppm*/NE	177 ppm*/NE	1-5
Synthetic Isoparaffinic Hydrocarbon	64742-47-8	No	NE / NE	177 ppm*/NE	1-5
Liquefied Petroleum Gas Mixture	See below	No	--/--	--/--	30 - 40
Propane	74-98-6	--	2500 ppm/NE	NE/NE	--
n-Butane	106-97-8	--	800 ppm/NE	NE/NE	--

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

\* ExxonMobil recommendation

**SECTION III - PHYSICAL CHARACTERISTICS**

Boiling Point: NA      Vapor Pressure (psig): 96 @ 130F / 48 @ 70F      Specific Gravity (H2O=1): 0.7900

pH: 6-8

Solubility/Water: Moderate      Vapor Density (AIR=1): ND      Evaporation Rate (Ether=1): ND

Appearance and Odor: 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 156.10.

Flashpoint: &lt;0F (Propellant); &gt;120F (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: 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): Strong oxidizing agents.      Hazardous Decomposition Products:

Carbon monoxide and hydrocarbon gases may be formed.

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

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**SECTION VI - HEALTH HAZARD DATA**

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Route(s) of Entry - Inhalation: X Eyes: X Skin: X Ingestion: X  
HAZARDS IDENTIFICATION: EYES: May cause mild irritation. SKIN: Prolonged or repeated contact may cause irritation.  
INHALATION: Prolonged exposure can be irritating to eyes, nose and respiratory tract. Can be harmful or fatal at high concentrations. INHALATION: Asphyxiant. Symptoms are dependent on rapidity of oxygen deficiency development and duration. Unconsciousness is immediate in sudden acute asphyxia. Slow development may cause rapid breathing, dizziness, incoordination, fatigue, and progress to nausea, vomiting, and possibly death. INGESTION: May be harmful if swallowed. Possible aspiration hazard. May cause inflammation of the lungs.  
AGGRAVATED MEDICAL CONDITIONS: May aggravate pre-existing skin conditions.  
CHRONIC EFFECTS/TARGET ORGANS: None known.

EMERGENCY AND FIRST AID PROCEDURES: EYES: Immediately flush with plenty of water for at least 15 minutes. Get prompt medical attention. SKIN: Wash with soap and plenty of water. INHALATION: Remove to fresh air. If symptoms develop, seek immediate medical attention. If not breathing, give artificial respiration. INGESTION: 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: No data available.

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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.  
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: General ventilation is adequate under normal conditions; mechanical ventilation is optional.  
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: Wear impervious clothing to prevent skin contact.  
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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Shipping Name: Consumer Commodity Hazard Class: ORM-D

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**SECTION X - TRANSPORTATION REQUIREMENTS (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  
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.  
EFFECTIVE DATE: 08/09/01 SUPERCEDES: 03/24/00 PREPARED BY: Ron Cepa