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Page 1 MATERIAL SAFETY DATA SHEET  
(MSDS)

MSDS261 261 2

ITEM NUMBER: 261 - ~~FLYING INSECT KILLER~~

VERSION 2 EFFECTIVE DATE: 3/24/00 SUPERCEDES: 4/23/98 PREPARED BY: Ron Cepa

IDENTITY (As Used On Label and List): ~~DOWN & OUT FLYING INSECT KILL~~

EMERGENCY MEDICAL Telephone# 1-800-228-5635 X 009 (24 Hrs) Outside of the U.S.A. Call 651-632-9275

PRODUCT HAZARD RATINGS (HMIS): - 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 CO

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

500 VISTA AV

ADDISON

DATE PRINTED : 8/15/00 NAME OF PREPARER : Ron Cepa

IL 60101

SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Chemical Names	CAS #	SEC 313	SARA Title III TLV/TWA	ACGIH PEL	OSHA	% By Wt.
Heavy alkylate petroleum naphtha	64741-65-7		Yes	1000ppm	1000ppm	<5.00
Synthetic isoparaffinic hydrocarbon	64742-47-8		No	NE	300ppm	<5.00
Multicide intermediate 2086 Mixture	See below		--	--	--	<5.00
d-Phenothrin	26002-80-2		Yes	NE	NE	--
Tetramethrin	7696-12-0		Yes	10mg/m3	15mg/m3	--
Liquefied Petroleum Gas Mixture	See below		--	--	--	20-40
Propane	74-98-6		No	1000ppm	NE	--
n-Butane	106-97-8		No	600ppm	NE	--

Balance of ingredients are non-hazardous or below reportable levels.  
Components Listed As A Suspected Carcinogen: None

SECTION III - PHYSICAL CHARACTERISTICS

Boiling Point: NA Vapor Pressure (psig): 96 @ 130F Specific Gravity (H2O=1): <1  
Solubility/Water: Moderately Vapor Density (AIR=1): >1 Evaporation Rate (Ether=1): <1  
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. (Under certain conditions this product may burn.)

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.

SECTION VI - HEALTH HAZARD DATA

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

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Preexisting skin or eye disorders may be aggravated by exposure to this product.

HAZARDS IDENTIFICATION: EYES: May cause moderate irritation. SKIN: Prolonged or repeated contact may dry the skin and lead to irritation (i.e. dermatitis). May be harmful if absorbed through the skin. INHALATION: Prolonged exposure can be irritating to eyes, nose and respiratory tract. Can be harmful or fatal at high concentrations. 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.

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.

TOXICITY INFORMATION: No data available.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Releases or Spilled: 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 and flame. Use with adequate ventilation. Do not puncture or incinerate containers. Do not expose to direct sunlight or store at temperatures above 130F (54C). 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.

SECTION VIII - EMPLOYEE PROTECTION

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: Local exhaust is adequate under normal conditions, mechanical ventilation is optional.

Protective Gloves: Wear chemical resistant gloves - consult glove manufacturer to determine the proper type for a specific operation.

Eye Protection: Chemical 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.

Section IX-Other Regulatory Controls

Governmental Listings: Ingredients of this product are listed on the EPA/TSCA Inventory of Chemical



