

1 ITEM NUMBER: C-005 - XA002

VERSION 5 EFFECTIVE DATE: 03/09/04 SUPERCEDES: 06/04/01 PREPARED BY: Denese Deeds

Section(s) Revised: HMIS, II, IV, IX

IDENTITY (As Used On Label and List): Jet Force Wasp &amp; Hornet Killer

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

PRODUCT HAZARD RATINGS (HMIS): - Health = ,2\* Fire = 4, 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: 3/17/04

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.
Isoparaffinic Hydrocarbon	64742-47-8	No	NE/NE	NE/NE	80-90
Isopropanol	67-63-0	No	200ppm/400 ppm	400 ppm/NE	5-10
Carbon Dioxide	124-38-9	No	5000 ppm/30,000 ppm	5000 ppm/NE	1-5
Tetramethrin (1Cyclohexene-1,2-dicarboximido) methyl 2,2-dimethyl-3-(2-methylpropenyl) cyclopropane carboxylate)	7696-12-0	Yes	NE/NE	NE/Ne	0.200
d-Phenothrin (3-Phenoxybenzyl-(1RS, 3RS: 1RS, 3SR) 2,2-dimethyl-3-(2-methylprop-1-enyl) cyclopropane carboxylate	26002-80-2	Yes	NE/NE	NE/NE	0.125

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

**SECTION III - PHYSICAL CHARACTERISTICS**

Boiling Point: NA Vapor Pressure (psig): 108 @ 130F / 84 @ 70F Specific Gravity - calculated (H2O=1): 0.8136  
 pH: NA Solubility/Water: Slight Vapor Density (AIR=1): >1  
 Evaporation Rate (Ether=1): ND Appearance and Odor: Aerosol spray with solvent odor.

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

Aerosol Flammability: Product is to be labeled as flammable as described in 40 CFR 156.78.

Flashpoint: None (Propellant); &gt;183F (Concentrate)

Flammable Limits - % Volume In Air: LEL: 0.5 (isoparaffinic hydrocarbon) UEL: 12.7 (isopropanol)

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, acids, bases.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide. Conditions to Avoid: Keep away from heat, sparks, flames and electric arcs. Dropping of containers may cause bursting.

**SECTION VI - HEALTH HAZARD DATA**

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

HAZARDS IDENTIFICATION: EYES: May cause moderate irritation. Can cause burning sensation, tearing, and redness.

SKIN: May cause mild irritation. Harmful if absorbed through the skin. INHALATION: Prolonged exposure can be irritating to eyes, nose and respiratory tract. Can cause dizziness, headaches and incoordination. Under misuse or intentional misuse, product may cause asphyxiation. INGESTION: Exposure by ingestion is unlikely since an aerosol, but if occurs: Irritating to the mouth, throat and stomach. May cause nervous system effects such as fatigue, dizziness, headache, tremors and unconsciousness. Possible aspiration hazard. May cause inflammation of the lungs.

AGGRAVATED MEDICAL CONDITIONS: May aggravate pre-existing eye, skin, respiratory conditions.

CHRONIC EFFECTS/TARGET ORGANS: Nervous system.

EMERGENCY AND FIRST AID PROCEDURES: EYES: Immediately flush with plenty of water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Get prompt medical attention.

2 SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Get medical attention if irritation persists. 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: Call a physician or Poison Control Center immediately. Do not give any liquid to the person. Do not induce vomiting unless told to do so by a poison control center or doctor. Never give anything by mouth to an unconscious person. Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. Note to physician: Contains petroleum distillate - vomiting may cause aspiration pneumonia.

## CARCINOGENICITY:

No regulated ingredients.

## TOXICITY INFORMATION:

Isoparaffinic Hydrocarbon: No data available

Isopropanol:

LD50 Oral (Rat):	4700 mg/kg
LD50 Dermal (Rabbit):	13,000 mg/kg
LD50 Inhalation (Rat):	19,000 ppm/8hr

Tetramethrin:

LD50 Oral (Rat):	4640 mg/kg
LD50 Dermal (Guinea pig):	>20,000 mg/kg
LD50 Inhalation (Rat):	>2500 mg/m <sup>3</sup> /3hr

d-Phenothrin:

LD50 Oral (Rat):	>10,000 mg/kg
LD50 Dermal (Rat):	>5,000 mg/kg

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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. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. 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: Do not breathe vapors or spray mist. Avoid contact with eyes, skin or clothing.. Wash Thoroughly with soap and water after handling. Avoid contamination of food and feedstuffs. 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 3 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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## FEDERAL:

Toxic Substance Control Act (TSCA): Ingredients of this product are listed on the EPA/TSCA Inventory of Chemical Substances or exempt as a registered pesticide.

## STATE RIGHT-TO-KNOW:

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

Refer to Section II.

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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

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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PREPARED BY: Denese Deeds