

MATERIAL SAFETY DATA SHEET
COMPLIES WITH OSHA'S HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

SECTION I - PRODUCT IDENTIFICATION

Product Name: "STING" Wasp & Hornet Repellant
Product Number: 74177
Product Type: AEROSOL
Formula: Proprietary
Distributor's Name: IBS, Inc.
Distributor's Address: P.O. Box 1717 Auburn, WA 98071-1717
DOT Ship Description: Consumer Commodity, ORM-D

Date Prepared: 11/7/2007
Information Phone: (800) 678-1906
Emergency Phone: (800) 255-3924

HMIS Rating (Based on Aerosol Conc.):
0-Minimal 1-Slight 2-Moderate
3-Serious 4-Extreme

| | |
|----------------------|---|
| HEALTH: | 2 |
| FLAMMABILITY: | 2 |
| PHYSICAL HAZARD: | 0 |
| Personal Protection: | B |

SECTION II - INGREDIENTS

| <u>CHEMICAL NAME</u> | <u>CAS #</u> | <u>%WT</u> | <u>313/Chem</u> | <u>Skin</u> | <u>Carcinogen</u> | <u>PEL</u> | <u>TWA/TLV</u> |
|---|--------------|------------|-----------------|-------------|-------------------|------------|----------------|
| Mineral Oil | 8042-47-5 | 30 - 40 | NO | NO | NO | 5mg/m3 | 5mg/m3 |
| Acetate Ester | 108419-35-8 | 20 - 30 | NO | NO | NO | 50 ppm | 50 ppm |
| VM&P Naphtha | 8032-32-4 | 10 - 20 | NO | NO | NO | 300 ppm | 300 ppm |
| Tetramethrin [(1-Cyclohexene-1,2-dicarboximido) methyl 2,2-dimethyl-3-(2-methylpropenyl) cyclopropanecarboxylate] | 7696-12-0 | 0.2 | NO | NO | NO | N/E | N/E |
| 3-Phenoxybenzyl-(1RS, 3RS; 1RS, 3SR) -2,2-dimethyl-3-(2-methylprop-1-enyl) cyclopropanecarboxylate | 26002-80-2 | 0.125 | NO | NO | NO | N/E | N/E |
| 1,1,1,2 Tetrafluoroethane | 811-97-2 | 20 - 30 | NO | NO | NO | N/E | N/E |

SECTION III - PHYSICAL DATA

Aerosol Concentrate:

Boiling Point: 262°F
pH: N/A
Appearance/Odor: Clear, oily liquid with solvent-insecticide odor

Specific Gravity (H₂O=1)@70°F: 0.826
Solubility In Water: Insoluble
Vapor Density(Air=1): >1

Total Contents:

Total VOC %: 16.70%
Vapor Pressure (can; psig @72°F): 90 psig

SECTION IV - FIRE AND EXPLOSION DATA

Flash Point (Conc.): 100° F
Extinguishing Media: Foam, CO₂, Dry Media
Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.
Unusual Fire and Explosion Hazards: Exposure to temperature above 120° F may cause bursting.

Flammability (as per CSMA Flame Projection Test): Non-Flammable Spray

SECTION V - REACTIVITY DATA

Stability: Material Stable.
Incompatibility: Avoid contact with strong oxidizing agents.
Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxides, Halogens and small amounts of Phosgene.

Hazardous Polymerization: Will not Occur.

SECTION VI - STORAGE AND HANDLING

KEEP OUT OF REACH OF CHILDREN.
For Industrial and Institutional use only.
Store in a cool, dry area away from heat or open flame.
Do not store at temperatures above 120° F.
Contents under pressure.
Do not puncture or incinerate container.

Avoid breathing vapors or spray mist.
Avoid contact with skin and clothing.
Wash contaminated skin promptly with soap and warm water.
Avoid contamination of food and feedstuffs.

NFPA Code 30B Rating: Level 1 Aerosol.

SECTION VII - HEALTH AND FIRST AID

PRIMARY ROUTES OF ENTRY & EFFECTS OF OVER EXPOSURE:

Eyes: May cause moderate to severe irritation, stinging, redness, tearing, blurred vision, and frostbite.
Skin: Harmful if absorbed through skin. May cause frostbite, irritation, and possibly dermatitis. May aggravate existing skin conditions.
Inhalation: Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation may cause irritation to the upper respiratory tract, dizziness, nausea, cardiac arrhythmia, and other central nervous system effects. Excessive inhalation of mist may lead to fibrosis and reduced pulmonary function.
Ingestion: May be harmful if swallowed. Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis and delayed pulmonary edema.

FIRST AID PROCEDURES:

Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for further treatment advice.
Skin: Take off any contaminated clothing. Rinse immediately with plenty of water for 15-20 minutes. If irritation persists, call a poison control center or doctor for treatment advice.
Inhalation: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
Ingestion: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless instructed to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

SECTION VIII - SPECIAL PROTECTION DATA

Respiratory Protection: None needed for proper use in accordance with label directions. If ventilation is not adequate to reduce vapors below established exposure limits, use a NIOSH approved air-purifying respirator equipped with organic vapor cartridge(s).
Ventilation: Provide local exhaust to keep air concentrations of ingredients listed in Section II below established exposure limits.
Protective Gloves: Use chemical resistant gloves if hand contact will be made.
Eye Protection: Always wear safety glasses or chemical proof goggles when working with chemicals.

SECTION IX - SPILL OR LEAK PROTECTION

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK: Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with Federal, State and local laws.
WASTE DISPOSAL METHOD: Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Consult Federal, State and local authorities for approved procedures.

N/A= NOT APPLICABLE · N/E=NOT ESTABLISHED · N/D=NOT DETERMINED · <=LESS THAN · >=MORE THAN

NOTICE: The information contained on this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.