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MATERIAL SAFETY DATA SHEET

PRODUCT: Atack™ Hornet & Wasp Killer

SECTION 1 - PRODUCT INFORMATION

P.C.P. Act Registration No.: 24838

Code: 5188200

Chemical Name: Propoxur: o-Isopropylphenyl methylcarbamate; Pyrethrins

Piperonyl Butoxide: 3,4-Methylenedioxy-6-propylbenzyl n-butyl diethyleneglycol ether

Synonyms: Pyrethrins: Pyrethrum

Chemical Family: Botanical Pyrethroid

Product Use: Insecticide

TDG Classification: Limited Quantity

Fire Code Classification: Level III Aerosol

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	WEIGHT %	CAS REG #	LD50 (mg/Kg)	T.W.A. - T.L.V.
Propoxur	0.5	114-26-1	Oral, rat 50	0.5 mg/m3
Pyrethrins	0.05	8003-34-7	Oral, rat 200 Dermal, rat >2000	5 mg/m3
Piperonyl Butoxide	0.1	51-03-6	Oral, rat 2010	-
Petroleum Distillates	80 - 90	64742-47-8	Oral, rat >5000 Dermal, rabbit >3000	300 ppm

SECTION 3 - PHYSICAL DATA

Physical State: Compressed liquid

Specific Gravity: 0.81

Boiling Point: No Data

Vapour Pressure: No Data

% Volatiles: Approx. 99 %

Solubility in Water: Insoluble

Appearance\Odour: Clear liquid with solvent odour.

pH: No Data

Freezing/Melting Point: <-18 °C

Vapour Density: Heavier than air

Evaporation Rate: No Data

SECTION 4 - FIRE AND EXPLOSION

Flash Point: 62 °C TCC

Flame Extension: 15 to 45 cm

Lower Explosion Limit %: 1.1

Fire Extinguishing Media: Foam, Carbon Dioxide, Dry Chemical or Water Fog

Fire Fighting Procedures: Wear self-contained Breathing Apparatus and impervious clothing. Minimize the amount of water used and dike the area for runoff. Use water spray to cool fire exposed containers or structures. Use water spray to disperse vapours, re-ignition of vapours is possible.

Other Fire or Explosion Hazards: Container may explode under intense heat. Vapour is heavier than air, may flash back from an ignition source.

Atack™ Hornet and Wasp Killer

SECTION 5 - REACTIVITY DATA

Stability: Stable

Hazardous Polymerization: Will Not Occur

Conditions to Avoid: Prolonged exposure to elevated temperatures and sources of ignition.

Incompatibility (Materials to Avoid): Strong oxidizing, acidic or alkaline conditions may cause product to decompose.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, hydrogen chloride, traces of phosgene and other irritating fumes.

SECTION 6 - HEALTH HAZARD DATA

Acute Effects of Overexposure: May cause temporary irritation to the eyes, nose, throat and respiratory tract. Prolonged exposure to vapours can cause headache, dizziness, nausea and nervous system depression.

Effects of Chronic Exposure: May cause dermatitis with prolonged skin contact.

SECTION 7 - FIRST AID PROCEDURES

Inhalation: Move victim to fresh air and restore breathing if required. OBTAIN MEDICAL ADVICE.

Skin Contact: Flush skin with running water and thoroughly wash with soap and water. If irritation persists seek Medical Attention.

Ingestion: Give 1 to 2 glasses of water (200 to 500 ml) to dilute material. Do not induce vomiting. OBTAIN MEDICAL ADVICE. If vomiting occurs, have victim lean forward with head down to avoid breathing of vomitus. Never give anything by mouth to an unconscious person.

Eye Contact: Flush eyes with running water for 20 minutes. Hold eyelids open during flushing. If irritation persists seek Medical Attention.

SECTION 8 - PREVENTIVE MEASURES

Respiratory Protection: None required for normal usage.

Eye Protection: None required for normal usage.

Skin Protection: Chemical resistant gloves.

Other Personal Protective Equipment: None.

Engineering Controls: Local exhaust or ventilation

Handling Procedures and Equipment: Avoid breathing vapours, contact with eyes, skin and clothing. Wash thoroughly after use. Do not contaminate food.

Storage Requirements: Store in cool, dry, well ventilated area. Keep out of reach of children and pets.

Storage Temperature: Min: 0 °C Max: 40 °C

SECTION 9 - ENVIRONMENTAL PROTECTION DATA

Spill and Leak Procedures: Eliminate all ignition sources. Stop leak, contain spill by diking and absorb with suitable absorbent and transfer into waste containers for disposal. Clean area with detergent and water, absorb wash and place in waste container. Remove any contaminated soil for proper disposal.

Waste Disposal: Dispose of empty container with household garbage. Dispose of waste product in accordance with Local, Provincial or Federal government regulations.

Environmental Effects: This product is toxic to fish and wildlife. Do not contaminate local water supplies or environments.

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Prepared by: Technical Department

Issue Date: June 1, 2007