

## MATERIAL SAFETY DATA SHEET

**PRODUCT:** HomeCare Flying & Crawling Insect Killer

### SECTION 1 - PRODUCT INFORMATION

**P.C.P. Act Registration No.:** 26720

**Product Code:** 7 38101 0

**Chemical Name:** Pyrethrins/Piperonyl Butoxide

**Synonyms:** None

**Chemical Family:** Pyrethroid

**Product Use:** Insecticide

**TDG Classification:** Regulated by Road/Rail/Marine: Limited Quantity

**Fire Code Classification:** Level I Aerosol

### SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	WEIGHT %	CAS REG #	LD50 (mg/Kg)	T.W.A. - T.L.V.
Pyrethrins	0.20	8003-34-7	Oral, rat 1680	-
Piperonyl Butoxide	1.00	51-03-6	Oral, rat 4600	-
Isopropanol	10-30	67-63-0	Oral, rat >4720	
Dimethyl Ether	10-30	115-10-6	Not Applicable	

### SECTION 3 - PHYSICAL DATA

**Physical State:** Aerosol

**Specific Gravity:** (Liquid: 0.94-0.98)

**Boiling Point:** 100 - 263 °C

**Vapour Pressure:** No Data

**% Volatiles:**

**Solubility in Water:** Soluble

**Appearance/Odour:** Clear straw coloured liquid with citrus, fruity odour

**pH:** 6.5 – 7.5

**Freezing/Melting Point:**

**Vapour Density:** No Data

**Evaporation Rate:** No Data

### SECTION 4 - FIRE AND EXPLOSION

**Flash Point :** Tag Closed Cup 105 °C

**Lower Explosion Limit %:** Not Applicable

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

**Fire Fighting Procedures:** Use water spray to cool fire exposed containers or structures. Use self-contained breathing apparatus and protective clothing.

**Other Fire or Explosion Hazards:** Container may explode during fire conditions or when heated. Also explosion may occur during mechanical impact of container.

**Autoignition Temperature:** 399 °C

**Upper Explosion Limit %:** Not Applicable

### SECTION 5 - REACTIVITY DATA

**Stability:** Stable

**Hazardous Polymerization:** Will Not Occur

**Conditions to Avoid:** Storage in hot unventilated areas.

**Incompatibility (Materials to Avoid):** Oxidizing agents, acids and bases.

**Hazardous Decomposition Products:** hydrocarbon fumes and smoke. Carbon Monoxide where combustion is incomplete.

### SECTION 6 - HEALTH HAZARD DATA

**Acute Effects of Overexposure:** May cause temporary irritation to skin, eyes, nose, throat and respiratory tract. May cause central nervous systems depression (CNS).

**Effects of Chronic Exposure:** None known.

**Other Health Effects:** CNS depression effects are headache, dizziness, drowsiness, nausea, vomiting and incoordination.

### 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:** Not likely to occur. Give 1 or 2 glasses (200 to 500 mL) of water to dilute material. Do Not induce vomiting. If spontaneous vomiting occurs, have victim lean forward with head to avoid breathing in of vomitus. Obtain medical advice.

**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:** Safety goggles optional

**Skin Protection:** Chemical Resistant gloves

**Other Personal Protective Equipment:** None Required

**Engineering Controls:** Local exhaust or ventilation

**Handling Procedures and Equipment:** Avoid breathing vapours and mists, contact with eyes, skin and clothing. Wash thoroughly after use.

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

**Storage Temperature:** Min: 5 °C Max: 40 °C

### SECTION 9 - ENVIRONMENTAL PROTECTION DATA

**Spill and Leak Procedures:** Contain Liquid spill by diking and absorb with suitable absorbent and transfer into waste container for disposal. Remove all sources of ignition. 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 in household garbage. Dispose of waste product in accordance with Local, Provincial or Federal government regulations.

**Environmental Effects:** Do not contaminate local water supplies or environments.

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**Prepared by:** Technical Department

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