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MATERIAL SAFETY DATA SHEET

PRODUCT: Horticultural Oil

SECTION 1 - PRODUCT INFORMATION

P.C.P. Act Registration No.: 21348

Code: 7 38040 0

Chemical Name: Light Paraffinic Petroleum Oil

Synonyms: None

Chemical Family: Petroleum Oil

Product Use: Domestic Insecticide

TDG Classification: Not Regulated

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	WEIGHT %	CAS REG #	LD50 (mg/Kg)	T.W.A. - T.L.V.
Light Paraffinic Petroleum Oil	85 - 100	64741-89-5	Oral, rat 15000	5.0 mg/m ³ /8 h
Calculated LD 50 for mixture			16 200	

SECTION 3 - PHYSICAL DATA

Physical State: Liquid

Specific Gravity: 0.860

Boiling Point: No Data

Vapour Pressure: <0.0001 mm Hg

% Volatiles: None

Solubility in Water: Emulsifies

Appearance\Odour: Colourless liquid with little odour.

pH: No Data

Freezing/Melting Point: No Data

Vapour Density: 10 (Air=1)

Evaporation Rate: 1000 (Ether=1)

SECTION 4 - FIRE AND EXPLOSION

Flash Point: 171 °C COC

Lower Explosion Limit %: No Data

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

Fire Fighting Procedures: Wear self-contained Breathing Apparatus and impervious clothing. Minimize amount of water used and contain the run-off by diking.

Other Fire or Explosion Hazards: None Known

Autoignition Temperature: Est. 340

°C Upper Explosion Limit %: No Data

SECTION 5 - REACTIVITY DATA

Stability: Stable

Conditions to Avoid: None Known.

Incompatibility (Materials to Avoid): Strong oxidizers.

Hazardous Decomposition Products: Carbon oxides.

Hazardous Polymerization: Will Not Occur

Horticultural Oil

SECTION 6 - HEALTH HAZARD DATA

Acute Effects of Overexposure: Excessive exposure may cause irritation to the eyes nose and throat.

Effects of Chronic Exposure: Prolong contact will remove natural oils and fats from skin causing irritation and possibly leading to dermatitis.

Other Health Effects: None Known.

SECTION 7 - FIRST AID PROCEDURES

Inhalation: Move victim to fresh air. Give Artificial Respiration ONLY if required. Give CPR if there is NO breathing AND NO pulse. 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. If vomiting occurs, lean victim forward with head down to avoid breathing vomitus. DO NOT induce vomiting. 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 normally required

Eye Protection: Chemical goggles recommended

Skin Protection: Chemical resistant gloves

Other Personal Protective Equipment: Coveralls

Engineering Controls: Local exhaust or ventilation.

Handling Procedures and Equipment: Avoid breathing vapours, 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: 0 °C Max: 40 °C

SECTION 9 - ENVIRONMENTAL PROTECTION DATA

Spill and Leak Procedures: Stop leak, contain spill by diking and absorb with suitable absorbent and transfer into waste container 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 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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