



MATERIAL SAFETY DATA SHEET

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STATEMENT OF HAZARDOUS NATURE

Not classified as hazardous according to criteria of Worksafe Australia

COMPANY NAME & ADDRESS

Multicrop (Aust.) Pty. Ltd.
PO Box 302
Bayswater
Victoria 3153

Tel : (03) 8720 2100
Fax : (03) 9720 5051
Poison Information Centre Tel : 13 11 26

PRODUCT IDENTIFICATION

Product Name : EcoPest[®] Oil Ready To Use Insect Spray.
Composit of Ingredients : A blend of severely hydrotreated paraffinic base oil with proper performance additives (emulsifiers)
Hazchem Code : N/A
Dangerous Goods Class : N/A
Subsidiary Risk : N/A
CAS No. : 64742-54-7
EINECS No. : 265-157-1
Active Constituents : Severely Hydrotreated Heavy Paraffinic Distillates
Active Constituents Qty : 19.46 g/L

| | | <u>Vol%</u> | <u>CAS No.</u> |
|-------------------|---|-------------|----------------|
| Inert Ingredients | : PolyOxyethylene Tridecylether | 0.01 | 24938-91-8 |
| | : Glyceryl Monooleate | <0.01 | 111-03-5 |
| | : Dodecylphenylethoxylate | 0.02 | 9014-92-0 |
| | : Oleic Acid | <0.01 | 112-80-1 |
| Use | : Home Garden Spray Oil for control of pests and fungal disease | | |

PHYSICAL PROPERTIES & DESCRIPTION

Appearance : Bright and clear liquid
Colour : Water white
Odour : Characteristic, mineral oil
Initial Boiling Point : >260°C
Flash Point : 198°C
Melting Point : N/A

Flammability : N/A
Auto Flammability : Not established
Explosive Properties : N/A
Oxidising Properties : N/A
Vapour Pressure : @20°C <0.1 kPa
Vapour Density : >5
Relative Density : @15°C 0.831
Solubility in Water : Emulsifiable
Partition Coefficient : Expected to be <7
Viscosity : @ 40°C : 12.6cSt : @100°C : 3.2cSt
Pour Point : -24°C
Freezing Point : Not established

STABILITY AND REACTIVITY

Stability (Thermal, Light, etc) : Stable
Conditions to Avoid : Extreme heat
Incompatibility (Materials to Avoid) : Strong oxidizers
Hazardous Decomposition Products : Carbon monoxide
Hazardous polymerization : Will not occur

HEALTH HAZARD INFORMATION

ACUTE EFFECTS:

Ingestion : Adverse effects are not expected.
Eye : Adverse effects are not expected.
Skin : Adverse effects are not expected.
Inhaled : Adverse effects are not expected.

CHRONIC:

Skin : Prolonged and repeated skin contact may cause dermatitis.

TOXICOLOGICAL INFORMATION:

ACUTE TOXICOLOGY

Oral toxicity (Rats) : LD50>5,000 mg/kg, practically non-toxic.
Dermal toxicity (Rabbits) : LD50>5,000 mg/kg, practically non-toxic.
Inhalation toxicity (Rats) : Not applicable. Harmful concentrations of mists and/or vapours are unlikely to be encountered through any customary or reasonably foreseeable handling, use or misuse of this product.
Eye irritation (Rabbits) : Practically non-irritating.
Skin irritation (Rabbits) : Practically non-irritating.

CHRONIC TOXICOLOGY

Although there is no specific test data on all components, the active ingredient of this product would not be expected to exhibit carcinogenic potential based on what is known of the toxicity of mineral base oils in general. The base oil in this product is severely hydro-treated by all hydro-processing routes. By this refining process, it would be showed no evidence of carcinogenic potential.

FIRST AID:

- Ingestion : Adverse effects are not expected. If uncomfortable seek medical assistance.
- Eye : If eye contact occurs, flush eyes thoroughly with fresh water. If irritation occurs seek medical attention.
- Skin : If skin contact occurs wash skin thoroughly with soap and water. Remove and wash contaminated clothing.
- Inhaled : Since this material is not expected to be an immediate inhalation problem, no first aid procedure is required.
- Notes to Physician : Treat symptomatically.

FIRST AID FACILITIES : Ensure an eye bath and safety shower are available and ready for use.

PRECAUTIONS FOR USE

- Exposure Limit : TLV/TWA TLV/STEL
5mg/m³ mist 10mg/ m³ mist
- Ventilation : No special requirements under ordinary conditions of use and with adequate ventilation.
- Respiratory Protection : No special respiratory protection is normally required.
- Eye Protection : Normal industrial eye protection practices should be employed.
- Skin Protection : No special equipment required. However, good personal hygiene practices should always be followed.
- Flammability : Extinguishing Media – Foam, Water Fog, CO₂, Dry Chemical, Sand

The systemic toxicity of this substance has not been determined. However, it should be practically non-toxic to internal organs if inhaled or swallowed. This hazard evaluation is based on data from similar materials.

SAFE HANDLING INFORMATION

- Transport : Not dangerous for conveyance. Keep containers closed when not in use. Prevent small spill and leakage to avoid slip hazard. Transport temperature °C: Ambient.
- Storage : Store in the closed original container. Store in a cool dry area. Store away from strong oxidizing agents or combustible material. Storage temperature °C: Ambient.
- Handling : No special precautions are necessary beyond normal good hygiene practices, but it should be handled in suitable containers and spillage avoided.

Packaging/Labelling : Safety Phrases – Keep out of reach of children.

Spills and Disposal : If material is released or spilled – stop flow. Eliminate all sources of ignition, flammables. Avoid breathing vapours and contact with skin and eyes. Absorb or scrape up. Wash site of spillage thoroughly with soap and water. Remove contaminated clothing. Place in a disposable container and dispose of in accordance with local regulations. Prevent spills from entering storm sewers or drains and contact with soil.

FIRE FIGHTING MEASURES

Extinguishing Media : Foam, Water Fog, CO₂, Dry Chemical, Sand.

Fire Fighting Procedures : Use foam and water spray carefully to prevent excessive frothing. Use water to keep fire-exposed containers cool. Water spray may be used to flush spills away from exposure.

Fire Fighting Instructions : For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment. This may include self-contained breathing apparatus to protect against the hazardous effects if normal products of combustion or oxygen deficiency.

Unusual Fire & Explosion Hazards : When exposed to heat or flame: can slightly react with oxidizing materials.

Combustion Products : Normal combustion forms carbon dioxide and water vapour, incomplete combustion can produce smoke and carbon monoxide.

OTHER INFORMATION

Ecotoxicity : No data available. This product is inherently biodegradable and there is no evidence to suggest that bioaccumulation will occur.

DISCLAIMER

This Material Safety Data Sheet has been developed according to Worksafe Australia / NOHSC Guidelines.

All information is as accurate and up to date as possible. Since Multicrop (Aust.) Pty. Ltd. cannot anticipate or control the conditions under which this information may be used, each user should review the information in the specific context of the intended application. Multicrop (Aust.) Pty. Ltd. will not be responsible for damages of any nature resulting from use of or reliance upon this information.

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