



SAFETY DATA SHEET

Organic EnSpray 99[®] Insect Oil

SECTION 1: Identification of the substance and supplier

Product name: Organic EnSpray 99[®] Insect Oil
Recommended Use: Home Garden Spraying Oil

Company: Grosafe Chemicals Ltd.
Address: 20 Jean Batten Drive, Mt Maunganui 3116 (P.O. Box 14450, Tauranga 3143)
Email: info@grosafe.co.nz
Telephone Toll Free Number:
Emergency Telephone Number: 0800 CHEMCALL (0800 243622)
(EMERGENCIES ONLY)

Date of Issue: August 2017

SECTION 2: Hazards Identification

HSNO Hazard Classification: 6.1E, may be harmful by ingestion or if absorbed through the skin,
6.3 B, skin irritant,
6.4A, eye irritant,
9.1D, harmful to aquatic organisms.

SECTION 3: Composition/information on ingredients

<u>Ingredients</u>	<u>CAS Number</u>	<u>Content</u>
Petroleum distillates	64742-56-9	~20 %

SECTION 4: First Aid Measures

In case of poisoning by any route contact a doctor or Poisons Information Centre.

Swallowed: If large quantities are ingested, drink plenty of water. Do not induce vomiting. Immediately contact a doctor or Poisons Information Centre.

Eye: Flush eyes with large quantities of water for 15 minutes. Seek medical advice.

Skin: If contact occurs remove contaminated clothing and wash affected areas thoroughly with soap and water. Consult a doctor if irritation persists.

Inhaled: Move affected person to fresh air and keep at rest until recovered.

Advice to Doctor: No specific antidote is available. If poisoning is suspected apply symptomatic therapy. Contact Poisons Information Centre (0800 POISON (0800 764 766) for more information.

SECTION 5: Fire Fighting Measures

Extinguishing media:	Fine water spray or foam.
Unsuitable extinguishing media:	Water jet
Special exposure hazards:	None
Fire and Explosive Properties:	May form hazardous decomposition products
Flammability:	Non-flammable but will burn in a hot fire
HAZCHEM Code:	2Z

SECTION 6: Accidental Release Measures

In Case of Spill or Leak: Control the spill at its source. Contain the spill to prevent it from spreading, contaminating soil, or entering sewage and drainage systems or any body of water. Clean up spills immediately, observing precautions outlined in Section 8. Cover entire spill with absorbing material and place into compatible disposal container. Scrub area with water plus detergent. Pick up wash liquid with additional absorbent and place into compatible disposal container. Once all material is cleaned up and placed in a disposal container, seal container and arrange for disposal.

SECTION 7: Handling and Storage

Store the material in a well-ventilated, secure area out of reach of children and domestic animals. Do not store with food or drink. Wash thoroughly with soap and water after handling.

SECTION 8: Exposure Control/Personal Protection

THE FOLLOWING RECOMMENDATIONS FOR EXPOSURE CONTROLS/PERSONAL PROTECTION ARE INTENDED FOR THE MANUFACTURE, FORMULATION, PACKAGING AND USE OF THIS PRODUCT.

FOR COMMERCIAL APPLICATIONS OR ON-FARM APPLICATIONS CONSULT THE PRODUCT LABEL.

Ingestion: Prevent eating, drinking, tobacco use and cosmetic application in areas where there is a potential for exposure to the material, Wash thoroughly with soap and water after handling.

Eye Contact: Where eye contact is likely, use chemical splash goggles. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Skin Contact: Where contact is likely, wear chemical-resistant (such as nitrile or butyl) gloves, coveralls, socks and chemical-resistant footwear. For overhead exposure, wear chemical-resistant headgear.

Inhalation: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below exposure limits.

SECTION 9: Physical and Chemical Properties

Appearance:	Bright, clear liquid
Odour:	Slight odour
pH :	N / A
Flash Point:	< 175 °C.
Flammable (Explosive) Limits:	Non flammable
Explosive Properties:	Not explosive
Oxidizing Properties:	Not an oxidizing agent
Relative density:	ca. 0.96 g/cm ³
Solubility:	Readily emulsifies in water

SECTION 10: Stability and Reactivity

Stability:	Stable
Conditions to avoid:	Do not store above 30 °C or below -10 ° C.
Materials to avoid:	Strong oxidizing agents
Hazardous Decomposition Products:	May be formed at high temperatures
Hazardous Polymerisation:	Will not occur

SECTION 11: Toxicological Information

Acute toxicity (active ingredient)

Acute oral toxicity: LD50 (rat) > 10,000 (practically non-toxic)
Acute dermal toxicity: LD50 (rat) > 5,000 (practically non-toxic)
Inhalation toxicity: unlikely through normal use
Eye irritation: (rabbit) practically non-irritating
Skin irritation: (guinea pig) practically non-irritating

Chronic toxicity

Not expected to be carcinogenic
See Section 2 for general hazard information.

SECTION 12: Environmental Information

This product is not toxic to fish but may coat gill structures resulting in suffocation if spilled in shallow water. Product may be moderately toxic to amphibians by preventing dermal respiration. This product may cause gastrointestinal distress to birds and mammals through ingestion during grooming. This product is rapidly biodegradable. Biodegradation is possible within 90 - 120 days in aerobic environments at temperatures above 21°C.

SECTION 13: Disposal Considerations

Dispose of product containers, waste containers, and residues according to regional or local body bylaws.

SECTION 14: Transport Information

Not scheduled as Dangerous Goods for Transport Purposes

SECTION 15: Regulatory Information

Organic EnSpray 99[®] Insect Oil is approved pursuant to HSNO Act 1996, No HSR 100946
See www.epanz.govt.nz for approval conditions

[®] **EnSpray 99** is the registered trademark of ZICOS Ltd.
Gwanak-Gu, Seoul, KOREA (151-849)

Note: The information contained herein is given in good faith, but no warranty, expressed or implied, is made.
Consult Grosafe Chemicals Ltd. for further information.