



## **Material Safety Data Sheet**

Issue Date: January 2001

Statement of Hazardous Nature:

“Not classified as hazardous according to criteria of the National Occupational Health and Safety Commission”

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### **Company Details**

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### **Identification**

Product Name:	Eco-Oil
Formulation:	Mixture of edible vegetable oils and specific essential oil fractions.
Product Code:	OCP 007
UN Number:	“none issued”
Dangerous Goods Class:	As for edible vegetable oils.
Hazchem Code:	As for edible vegetable oils.
Poisons Schedule:	Exempt.

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### **Use**

Major Use:	A vegetable oil based product for controlling aphids, mites, thrips and mealy bugs etc.
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Application: May be used with boom spray, aerial spray, misting machine, hand gun or knapsack spray.

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### Properties

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Appearance: An amber coloured, free flowing oil.

Boiling Point: Not applicable (decomposes).

Vapour Pressure: Not applicable.

Specific Gravity: 0.92

Flashpoint: 300-330°C open cup, minimum 150°C close cup.

Flammability: Non-flammable.

Solubility in Water: Disperses readily in water to form an emulsion.  
Settles out on standing.

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### Ingredients

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Chemical Entity: Vegetable oil, polyethoxylated oil, botanical essential oils.

Proportion: Edible vegetable oil - greater than 60%.  
Botanical essential oils - less than 2%.

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### Health Hazard Information

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Health Effects: For short term exposure by all routes Eco-Oil is considered to be practically non-harmful.

#### *Acute*

*Swallowed:* Low toxicity estimated.

*Eye:* May cause some temporary irritation.

*Skin:* Non-sensitivity in test animals.

*Inhaled:* Inhalation of mists may cause mild irritation.

#### *Chronic*

No information.

#### *First Aid*

*Swallowed:* Give water or milk to drink and induce vomiting.  
Use fingers in the throat or Ipecac syrup. Seek medical assistance.

*Eye:* Irrigate continuously with water for 15 minutes.  
It is a sensible precaution to seek medical advice.

*Inhaled:* Remove victim from exposure.

*Advice to Doctor* Treat symptomatically.

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#### **Precautions for Use**

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Exposure Standards: No information available.

Personal Protection:

Respirator: Use half face respirator suitable for organic mists.

Glove Type: PVC or rubber gloves.

Eye Protection: Industrial safety glasses.

Clothing: Wear normal industrial clothing.

Flammability:

Fire Hazards: Not flammable under conditions of use. Will burn if ignited.

Source of Ignition: Do not store with oxidising agents.

Hazchem Code: Not allocated.

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#### **Safe Handling Information**

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Storage and Transport: Safe to handle. Transport as per edible vegetable oils.

Clean Up and Spills:

Absorb on sawdust or other suitable material. Sweep up and dispose of in landfill according to local rules. For small spills - wash area with water.

Waste Disposal:

By burning or disposal in approved landfill, or dispose of in accordance with statutory requirements for non-hazardous waste material. Do not contaminate any streams, lakes or ponds.

Fire/Explosion Hazard:

Not dangerous. Fire fighting media - use water spray, dry chemical or carbon dioxide.

Chemical Reactivity:

Avoid strong oxidising agents such as chlorine and organic peroxides.

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#### **Contact Points**

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Contact: Dr D V Clark

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The MSDS has been developed according to the WORKSAFE Australia / NDHSC Code of Practice.