

# Material Safety Data Sheet

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** PEST OIL INSECT CONTROL SPRAY

**Supplier:** Yates, a Division of Orica Australia Pty Ltd

**ABN:** 004 117 828

**Street Address:** 1 Gow Street,  
Padstow, NSW 2211  
Australia

**Telephone Number:** +61 2 9781 8800

**Facsimile:** +61 2 9794 9700

**Emergency Telephone:** 1 800 033 111 (ALL HOURS)

## 2. HAZARDS IDENTIFICATION

Based on available information, not classified as hazardous according to criteria of ASCC; NON-HAZARDOUS SUBSTANCE.

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

**Poisons** None allocated.

**Schedule:**

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Product Description:** Oil based insecticide for controlling various home garden insect pests. Pale straw coloured liquid.

Components / CAS Number	Proportion	Risk Phrases
Petroleum oil	<90%	-
-		
Inerts	to 100%	-
-		

## 4. FIRST AID MEASURES

**Inhalation:** Remove victim from area of exposure - avoid becoming a casualty. Seek medical advice if effects persist.

**Skin Contact:** If skin contact occurs, remove contaminated clothing and wash skin with soap and water. If irritation occurs, seek medical advice.

**Eye Contact:** If in eyes, wash out immediately with water. In all cases of eye contamination it is a sensible

**Product Name:** PEST OIL INSECT CONTROL SPRAY

**Substance No:** 000000020545

**Issued:** 04/04/2005

**Version:** 1

# Material Safety Data Sheet

precaution to seek medical advice.

**Ingestion:** Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water. Seek medical assistance.

**Medical attention and special treatment:** Treat symptomatically. Aspiration can result in pulmonary oedema.

## 5. FIRE FIGHTING MEASURES

**Hazards from combustion products:** Combustible liquid.

**Precautions for fire fighters and special protective equipment:** On burning will emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

**Suitable Extinguishing Media:** Water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

## 6. ACCIDENTAL RELEASE MEASURES

**Methods and materials for containment and clean up:** Wear protective equipment to prevent skin and eye contact. Slippery when spilt. Avoid accidents, clean up immediately. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers. If contamination of sewers or waterways has occurred advise local emergency services.

## 7. HANDLING AND STORAGE

Classified as a C2 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS 1940. Refer to State Regulations for storage and transport requirements.

**Conditions for safe storage:** Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Store away from strong oxidising agents. Store away from foodstuffs. Keep containers closed when not in use - check regularly for leaks.

**Precautions for safe handling:** Avoid skin and eye contact. Keep out of reach of children.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Limits:

No value assigned for this specific material by the National Occupational Health and Safety Commission. However,

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# Material Safety Data Sheet

Exposure Standard(s) for constituent(s):

Oil mist, refined mineral: 8hr TWA = 5 mg/m<sup>3</sup>

As published by the National Occupational Health and Safety Commission.

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

## Engineering controls:

Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.

## Personal Protective Equipment:

Avoid contact with eyes and skin. Do NOT inhale spray mist. Wash hands after use. Always wash hands before smoking, eating, drinking or using the toilet.

If risk of inhalation exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Colour:	Straw-coloured
Odour:	Minimal
Solubility:	Emulsifiable with water. in water.
Specific Gravity:	0.85
Relative Vapour Density (air=1):	>1
Vapour Pressure (20 °C):	N Av
Flash Point (°C):	>175
Boiling Point/Range (°C):	N Av
Evaporation Rate:	N Av

## 10. STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions of use.

## 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Product Name: PEST OIL INSECT CONTROL SPRAY  
Substance No: 000000020545

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# Material Safety Data Sheet

**Ingestion:** No adverse effects expected, however, large amounts may cause nausea and vomiting. Breathing in vomit may lead to aspiration pneumonia (inflammation of the lung).

**Eye contact:** May be an eye irritant.

**Skin contact:** Contact with skin may result in irritation. Will have a degreasing action on the skin. Repeated or prolonged skin contact may lead to irritant contact dermatitis.

**Inhalation:** Breathing in mists or aerosols may produce respiratory irritation.

**Long Term Effects:**

No information available for the product.

**Toxicological Data:**

No LD50 data available for the product. For Petroleum oil :

Oral LD50 (rat): >15000 mg/kg

Dermal LD50 (rabbit): >5000 mg/kg

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** Avoid contaminating waterways.

## 13. DISPOSAL CONSIDERATIONS

**Disposal methods:** Refer to local government authority for disposal recommendations.

## 14. TRANSPORT INFORMATION

**Road and Rail Transport**

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

**Marine Transport**

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

**Air Transport**

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.

## 15. REGULATORY INFORMATION

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**Classification:** Based on available information, not classified as hazardous according to criteria of ASCC; NON-HAZARDOUS SUBSTANCE.  
**Poisons Schedule:** None allocated.

This product is registered in Australia by the Australian Pesticides & Veterinary Medicines Authority (APVMA).

## 16. OTHER INFORMATION

**Reason(s) for Issue:**  
First Issue Primary MSDS

This material safety data sheet has been prepared by SH&E Shared Services, Orica. This MSDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Orica Limited cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material. If clarification or further information is needed, the user should contact their Orica representative or Orica Limited at the contact details on page 1. Orica Limited's responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.

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