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MATERIAL SAFETY DATA SHEET

IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

PRODUCT NAME: **Aerosol White Oil Garden Insecticide**

OTHER NAME: None available

MANUFACTURERS CODE:

PROPER SHIPPING NAME (ADG Code): Aerosols

UN NUMBER: 1950

DANGEROUS GOODS CLASS: 2.1 Flammable gas

SUBSIDIARY-RISK: Not applicable

PACKAGING GROUP: Not applicable

HAZCHEM CODE: 2YE

POISONS SCHEDULE: None allocated

USE: For the control of citrus leaf miner, scales, aphids, mealy bugs and mites on citrus, grapes, pome and stone fruit trees, roses, indoor and outdoor ornamentals in the home garden.

PHYSICAL DESCRIPTION / PROPERTIES

APPEARANCE: Very fine white mist

MELTING POINT: Not available for mixture

BOILING POINT: Propellant – minus 42°C

VAPOUR PRESSURE: 315 – 345kPa (46 – 50psig) @ 25°C

DENSITY: Not available for mixture

FLASH POINT: Propellant – minus 104°C

FLAMMABILITY LIMITS: Propellant 1.5% to 9.6% in air (v/v)

SOLUBILITY IN WATER: Concentrate is miscible with water

CORROSIVENESS: Not corrosive

REACTIVITY: Propellant gas can react violently with oxidising agents (chlorine etc)

INGREDIENTS

CHEMICAL NAME

Butane/propane

Petroleum Oil

Other ingredients determined to be non-hazardous

CAS.NO.

68475-59-2

64742-56-9

PROPORTION (w/w)

30 - 60%

15%

30 – 50 %

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

GENERAL:

Use of the product as directed will not result in any adverse health effects occurring. Avoid spraying food or food utensils. Wash hands after use. Product is may be classed as slightly toxic.

ACUTE

SWALLOWED:

Not a likely route of exposure. Swallowing can result in nausea, vomiting and central nervous system depression.

Petroleum oil: Oral LD₅₀ (rat) > 1500 mg/kg

EYE:

Product be an eye irritant.

SKIN:

Product is a low skin irritant. Directly spraying the propellant on to the skin at close range, may cause freezing of tissue resulting in an injury similar to a thermal burn. Product is unlikely to cause any significant skin irritation when used as directed.

Petroleum oil: Oral LD₅₀ (rabbit) > 5000 mg/kg

INHALED:

Material may be irritant to the mucous membranes of the respiratory tract (air ways). Breathing in vapour can result in headaches, dizziness, drowsiness and possible nausea. Intentional misuse by deliberately concentrating and breathing the contents can be harmful or fatal.

CHRONIC:

No information available for the product.

FIRST AID

GENERAL:

In every case of suspected poisoning contact a doctor or a Poisons Information Centre immediately.

SWALLOWED:

If poisoning or any adverse health effects are noticed, contact a doctor or Poisons Information Centre.

EYE:

Hold eyes open and flush with water for at least 15 minutes. Seek medical advice.

SKIN:

Remove any contaminated clothing. Wash skin thoroughly with soap and water. Do not scrub skin. Seek medical assistance if irritations or adverse health effects develop.

INHALED:

Remove to fresh air and keep warm. If deliberately inhaled, seek urgent medical attention.

White Oil Garden Insecticide

FIRST AID FACILITIES:

Soap, water.

ADVICE TO DOCTOR:

Treat symptomatically.

PRECAUTIONS FOR USE

EXPOSURE STANDARDS:

Worksafe Occupational Exposure Standard (TWA – Time Weighted Average)

Butane (8hr TWA) – 1900 mg/m³ (800ppm)

Propane: Asphyxiant

Oil mist, refined mineral (8hr TWA) – 5 mg/m³

Time Weighted Average (TWA) means the average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five day working week.

ENGINEERING CONTROLS:

Only spray where there is adequate ventilation, away from any flames or ignition sources.

PERSONAL PROTECTION:

Avoid contact with skin and eyes and breathing spray mist.

FLAMMABILITY:

Propellant is very flammable. Do not use near a naked flame. Do not incinerate can.

SAFE HANDLING INFORMATION

STORAGE

Store in the original container in a cool, dry place, out of direct sunlight and out of the reach of children. Do not store in vehicles for prolonged periods as explosion of the aerosol may result.

TRANSPORT

Product is classified as a dangerous good in accordance with the Australian Code for the Transport of Dangerous Goods by Road and Rail.

CORRECT SHIPPING NAME:	Aerosols
UN NUMBER:	1950
DANGEROUS GOODS CLASS:	2.1 Flammable gas
SUB-CLASS:	Not applicable
PACKAGING GROUP:	Not applicable

SPILLAGE

Excess spray or spills can be wiped up with damp cloth or rag.

DISPOSAL

Disposal of contaminated material must be done in accordance with State and/or Local regulations.

Dispose of empty container by wrapping in paper, placing in a plastic bag and putting in garbage.

Do not puncture or incinerate can.

FIRE/EXPLOSION HAZARD

Hazchem: 2YE

Product is packed under pressure and if involved in fire or exposed to excessive heat, the cans may explode or become airborne.

HAZARDOUS DECOMPOSITION PRODUCTS:

Flammable gas. May form flammable vapour mixture with air. Avoid all ignition sources. All potential sources of ignition (open flames, pilot lights, furnaces, spark producing switches and electrical equipment etc) must be eliminated both in and near the work area. DO NOT smoke. Flameproof equipment is necessary in all areas where this chemical is being used. Nearby equipment must earth. Vapour may travel a considerable distance to source of ignition and flash back.

FIRE FIGHTING EQUIPMENT:

Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder).

<h2 style="text-align: center;">OTHER INFORMATION</h2>
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ECOTOXICITY DATA:

Toxic to bees and fish and only slightly toxic to pets and livestock. The active ingredients do not bioaccumulate in animal systems.

ENVIRONMENTAL FATE:

Active ingredients breakdown in the environment by hydrolysis or oxidation in sunlight.

CONTACT POINT

TITLE: Technical Department

TELEPHONE NUMBER: (08) 9337 4933

AUTHORISED: Technical Department

DATE: 11 Aug. 10

NOTICE:

This Material Safety Data Sheet has been developed according to the Worksafe Australia/NOHSC Codes of Practice.

The information contained herein is given in good faith however and is considered to be accurate at the specified issue date. No warranty expressed or implied is made to the accuracy or completeness of the data and information contained herein. No person, other than an authorised representative of David Gray & Company Pty Ltd, has the authority to make any alterations to this MSDS.

Contact David Gray & Co Pty Limited for further product information on (08) 9337 4933 during normal business hours.