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MATERIAL SAFETY DATA SHEET

IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

PRODUCT NAME: David Grays Bug Gun

OTHER NAME: None allocated

MANUFACTURERS CODE: (88015) 750mL

PROPER SHIPPING NAME (ADG Code): None allocated

UN NUMBER: None allocated

DANGEROUS GOODS CLASS: None allocated

SUBSIDIARY-RISK: None allocated

PACKING GROUP: None allocated

HAZCHEM CODE: None allocated

POISONS SCHEDULE: None allocated

USE: To control ants, aphids, plant bugs, caterpillars, flies and mosquitoes in the garden.

PHYSICAL DESCRIPTION / PROPERTIES

APPEARANCE: white emulsion

MELTING POINT: not available

BOILING POINT: not available

VAPOUR PRESSURE: Not applicable

DENSITY: 1.0

FLASH POINT: Not applicable

FLAMMABILITY LIMITS: Not flammable

SOLUBILITY IN WATER: disperses

CORROSIVENESS: Not corrosive

OTHER PROPERTIES: Not applicable

INGREDIENTS

CHEMICAL NAME

Permethrin 25:75

Ingredients determined to be non hazardous

CAS.NO.

52645-53-1

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PROPORTION

20g/L

To 100%

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

HAZARD CLASSIFICATION (In accordance with criteria of Worksafe Australia): None allocated

RISK PHRASES: None required

SAFETY PHRASES: None required

GENERAL:

No adverse health effects are expected when the product is used in accordance with label directions.

ACUTE

SWALLOWED:

The acute oral toxicity is very low. Oral LD50 (rat) 430mg/kg (Permethrin).

For product Oral LD50 (rat) 20000mg/kg

EYE:

Slight eye irritant.

SKIN:

The acute dermal toxicity is low Dermal LD50 (rabbit) >540mg/kg (Permethrin).

For product LD50 > 25000mg/kg.

INHALED:

The acute inhalation toxicity is low.

Inhalation LD50 (rat) = >2.3 mg/m³ (4 hours) (Permethrin).

CHRONIC:

No adverse health effects are expected when the product is used in accordance with label directions.

FIRST AID

GENERAL:

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

SWALLOWED: Seek medical attention.

EYE:

Hold eyelids open and flood eye thoroughly with water for at least 15 minutes. See a doctor.

SKIN:

Wash off with soap and water

INHALED:

Remove patient to fresh air.

FIRST AID FACILITIES:

Ipecac Syrup APF, soap, water.

ADVICE TO DOCTOR:

Treat symptomatically.

PRECAUTIONS FOR USE

EXPOSURE STANDARDS:

Worksafe Occupational Exposure Standard (TWA – Time Weighted Average)
None available

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: Not applicable

PERSONAL PROTECTION: Gloves

FLAMMABILITY: Not Flammable

SAFE HANDLING INFORMATION

STORAGE

Store in a safe place, out of the reach of children and out of direct sunlight.

TRANSPORT

Product is not classified as a dangerous good in accordance with the Australian Code for the Transport of Dangerous Goods by Road and Rail.

SPILLAGE

Soak up spill with sand or other absorbent material. Sweep up and dispose of in garbage.

DISPOSAL

Destroy empty containers by breaking, crushing or puncturing them and placing in the bin. Do not burn empty containers or product. Do not allow chemical containers, spray or washings to contaminate drains, sewers, streams, ponds or any waterway.

FIRE/EXPLOSION HAZARD

Not a fire or explosion hazard.

HAZARDOUS DECOMPOSITION PRODUCTS:

None

FIRE FIGHTING EQUIPMENT:

Water, foam, carbon dioxide, dry chemical powder.

OTHER INFORMATION

ECOTOXICITY DATA:

Not available

ENVIRONMENTAL FATE:

In soil, the degradation half life of Permethrin is approximately 30 days. Permethrin is hydrolysed by alkaline soils.

CONTACT POINT

TITLE: Technical Department

TELEPHONE NUMBER: (08) 9337 4933

AUTHORISED: **Technical Department**

DATE: **18.03.08**

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.