



# DAVID GRAY & CO PTY LIMITED

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## MATERIAL SAFETY DATA SHEET

### IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

**PRODUCT NAME:** Antex Insecticide Spray

**OTHER NAME:** Not Applicable  
**MANUFACTURERS CODE:** 200ml, 500ml & 1L  
**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:** S5 Caution  
**USE:** A liquid insecticide for spray application

### PHYSICAL DESCRIPTION / PROPERTIES

**APPEARANCE:** White suspension with no odour  
**MELTING POINT:** Not applicable  
**BOILING POINT:** > 100°C  
**VAPOUR PRESSURE:** Same as water  
**DENSITY:** 1.00  
**FLASH POINT:** Not applicable  
**FLAMMABILITY LIMITS:** Not applicable  
**SOLUBILITY IN WATER:** Miscible  
**CORROSIVENESS:** Slightly corrosive to mild steel (due to water content)  
**OTHER PROPERTIES:** Not applicable

### INGREDIENTS

CHEMICAL NAME	CAS.NO.	PROPORTION
Deltamethrin	52918-63-5	2g/L
Ingredients determined to be non hazardous	-	To 100%

## HEALTH HAZARD INFORMATION

### HEALTH EFFECTS

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

**RISK PHRASES:** None allocated

**SAFETY PHRASES:** None allocated

#### **GENERAL:**

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

#### **ACUTE**

##### **SWALLOWED:**

The acute oral toxicity is Low. Oral LD50 (rat) 135mg/kg (Deltamethrin).

For product Oral LD50 (rat) >6500mg/kg

##### **EYE:**

Slight eye irritant.

##### **SKIN:**

The acute dermal toxicity is low. Repeated skin contact may cause allergic reactions.

Dermal LD50 (rabbit) 2000mg/kg (Deltamethrin).

For product LD50 > 200000mg/kg.

##### **INHALED:**

The acute inhalation toxicity is low.

Inhalation LD50 (rat) = 2.2 mg/m<sup>3</sup> (4 hours) (Deltamethrin).

##### **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:**

Soap and 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:** PVC gloves & wear suitable respirator when spraying

**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:**

Not known to produce hazardous decomposition products

**FIRE FIGHTING EQUIPMENT:**

Water, foam, carbon dioxide, dry chemical powder.

## OTHER INFORMATION

**ECOTOXICITY DATA:**

Deltamethrin is highly toxic to fish and aquatic organisms. Deltamethrin does not bioaccumulate in animal systems.

**ENVIRONMENTAL FATE:**

Deltamethrin is not persistent in the environment. In soil, deltamethrin is readily degraded by hydrolysis and microbial action.

### CONTACT POINT

**TITLE:** Technical Department

**TELEPHONE NUMBER:** (08) 9337 4933

**AUTHORISED:** **Technical Department**

**DATE:** **18.03.2008**

**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.

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