

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

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### 1.1 Product identifier

**Product name** DAVID GRAYS ANTEX INSECTICIDE SPRAY  
**Synonym(s)** 7055, 7056 - MANUFACTURER CODES • ANTEX SPRAY  
**APVMA No:** 54120

### 1.2 Uses and uses advised against

**Use(s)** Insecticide

### 1.3 Details of the supplier of the product

**Supplier name** DAVID GRAY & CO PTY LIMITED  
**Address** 2 Rawlinson St, O'Connor, WA, 6961, AUSTRALIA  
**Telephone** (08) 9337 4933  
**Email** [general@davidgray.com.au](mailto:general@davidgray.com.au)  
**Website** <http://www.davidgray.com.au>

### 1.4 Emergency telephone number(s)

**Emergency** (08) 9337 4933 (B/H)

## 2. HAZARDS IDENTIFICATION

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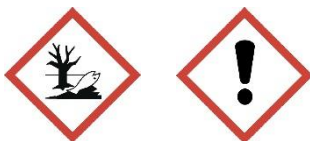
### 2.1 Classification of the substance or mixture

CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA

#### GHS classifications

Aspiration Hazard: Category 3  
Skin Sensitisation: Category 3  
Aquatic Toxicity (Chronic): Category 2

Signal Word: WARNING



#### Hazard statements

H317 May cause an allergic skin reaction.  
H411 Toxic to aquatic life with long lasting effects.

#### Prevention statements

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.



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## SAFETY DATA SHEET

### Response statements

P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P302 + P352: IF ON SKIN: Wash with plenty of soap and water.  
P321: Specific treatment is advised - see first aid instructions.  
P331: Do NOT induce vomiting.  
P333 + P313: If skin irritation or rash occurs: Get medical advice/attention.  
P363: Wash contaminated clothing before reuse.  
P391: Collect spillage.

### Storage Statements:

P403 + P235: Store in a well-ventilated place – Keep cool  
P405: Store locked up

### Disposal Statements:

P501: Dispose of contents/container in accordance with relevant regulations.

### DANGEROUS GOOD CLASSIFICATION

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land"

## SAFETY DATA SHEET

### 3. COMPOSITION/ INFORMATION ON INGREDIENTS

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#### 3.1 Substances / Mixtures

Ingredient	CAS Number	EC Number	Content
DELTAMETHRIN	52918-63-5	N/A	2 g/L
NON HAZARDOUS INGREDIENTS	Not Available	Not Available	Remainder

### 4. FIRST AID MEASURES

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<b>Eye</b>	If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.
<b>Inhalation</b>	If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.
<b>Skin</b>	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor.
<b>Ingestion</b>	For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting.
<b>Advice to doctor</b>	Treat symptomatically.
<b>First aid facilities</b>	Eye wash facilities and safety shower should be available.

### 5. FIRE FIGHTING MEASURES

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<b>Flammability</b>	Non flammable. May evolve toxic gases (carbon/ nitrogen/ phosphorus oxides) when heated to decomposition.
<b>Fire and explosion</b>	Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.
<b>Extinguishing</b>	Use an extinguishing agent suitable for the surrounding fire.
<b>Hazchem code</b>	None allocated.

### 6.0 ACCIDENTAL RELEASE MEASURES

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#### Personal precautions

Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS.

#### Environmental precautions

Prevent product from entering drains and waterways.

#### Methods of cleaning up

Contain spillage, then cover / absorb spill with non-combustible absorbent material (vermiculite, sand, or similar), collect and place in suitable containers for disposal.

#### References

See Sections 8 and 13 for exposure controls and disposal

## SAFETY DATA SHEET

### 7.0 HANDLING AND STORAGE

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<b>Storage</b>	Store in a cool, dry, well ventilated area, removed from incompatible substances, iron, steel and zinc containers. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use.
<b>Handling</b>	Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

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<b>Exposure standards</b>	No exposure standard(s) allocated.
<b>Biological limits</b>	No biological limit allocated.
<b>Engineering controls</b>	Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical extraction ventilation is recommended.
<b>PPE</b>	
<b>Eye / Face</b>	Wear splash-proof goggles.
<b>Hands</b>	Wear PVC or rubber gloves.
<b>Body</b>	Wear coveralls.
<b>Respiratory</b>	Where an inhalation risk exists, wear a Type A-Class P1 (Organic gases/vapours and Particulate) respirator.



### 9.0 PHYSICAL AND CHEMICAL PROPERTIES

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#### 9.1 Information on basic physical and chemical properties

<b>Appearance</b>	WHITE LIQUID SUSPENSION / NO DYE ADDED
<b>Odour</b>	SLIGHT ODOUR
<b>Flammability</b>	NON FLAMMABLE
<b>Flash point</b>	NOT RELEVANT
<b>Boiling point</b>	>100°C
<b>Melting point</b>	N/A
<b>Evaporation rate</b>	NOT AVAILABLE
<b>pH</b>	NOT AVAILABLE
<b>Vapour density</b>	NOT AVAILABLE
<b>Specific gravity</b>	1.0
<b>Solubility (water)</b>	MISCIBLE
<b>Vapour pressure</b>	NOT AVAILABLE
<b>Upper explosion limit</b>	NOT RELEVANT
<b>Lower explosion limit</b>	NOT RELEVANT
<b>Explosive properties</b>	NOT AVAILABLE
<b>Oxidising properties</b>	NOT AVAILABLE

## SAFETY DATA SHEET

### 10 STABILITY AND REACTIVITY

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**Chemical Stability:** Stable under recommended conditions of storage

**Conditions to avoid:** Avoid heat, sparks, open flames and other ignition sources

**Material to avoid:** Incompatible with oxidising agents (e.g. hypochlorites), acids (e.g. nitric acid), alkalis (e.g. sodium hydroxide), heat and ignition sources

**Hazardous Decomposition:** May evolve toxic gases heated to decomposition.

**Hazardous Reactions:** Polymerization is not expected to occur.

### 11 TOXICOLOGICAL INFORMATION

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<b>Health Hazard Summary</b>	Low to moderate toxicity - irritant. This product may present a hazard with eye contact, prolonged and repeated skin contact or with inhalation at high levels. As the product is dilute, the potential for adverse health effects will be reduced.
<b>Eye</b>	Low to moderate irritant. Contact may result in mild irritation, lacrimation and redness.
<b>Inhalation</b>	Low to moderate irritant. Over exposure may result in irritation of the nose and throat, with coughing.
<b>Skin</b>	Low irritant. Prolonged or repeated contact may result in mild irritation, rash and dermatitis.
<b>Ingestion</b>	May be harmful. Ingestion may result in gastrointestinal irritation, nausea, vomiting, abdominal pain and diarrhoea.
<b>Toxicity data</b>	DELTA METHRIN (CAS: 52918-63-5) LD50 (oral) 135 mg/kg (RAT) LD50 (dermal) 2000 mg/kg (rabbit) LD50 (dermal) for product: > 200000 mg/kg (rabbit) LC50 (inhalation) 2.2 mg/m <sup>3</sup> /4 hours (rat)

### 12 ECOLOGICAL INFORMATION

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<b>Toxicity</b>	No information provided.
<b>Persistence and degradability</b>	No information provided.
<b>Bioaccumulative potential</b>	No information provided.
<b>Mobility in soil</b>	No information provided.
<b>Other adverse effects</b>	No information provided.

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### 13 DISPOSAL CONSIDERATIONS

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<b>Waste disposal</b>	For large quantities, return to manufacturer. Otherwise, mix with lime and sand and bury in a clay-lined pit at least 1 metre deep. Sodium carbonate may also be added to speed up the degradation process. Use an approximate amount of lime between one half and the same (by weight) as the amount of product. Avoid contamination of waterways.
<b>Legislation</b>	Dispose of in accordance with relevant local legislation.

### 14 TRANSPORT INFORMATION

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NOT CLASSIFIED AS DANGEROUS GOODS BY THE CRITERIA OF THE ADG CODE, IMDG OR IATA.

	LAND TRANSPORT (ADG)	SEA TRANSPORT (IMDG / IMO)	AIR TRANSPORT (IATA / ICAO)
<b>UN Number</b>	None Allocated	None Allocated	None Allocated
<b>Proper Shipping Name</b>	None Allocated	None Allocated	None Allocated
<b>Transport Hazard Class</b>	None Allocated	None Allocated	None Allocated
<b>Packing Group</b>	None Allocated	None Allocated	None Allocated

**Environmental hazards** No information provided

**Special precautions for user**

**Hazchem code** None Allocated

### 15 REGULATORY INFORMATION

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**Poison schedule** Classified as a Schedule 5 (S5) Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

**Inventory Listing(s)** **AUSTRALIA: AICS (Australian Inventory of Chemical Substances)**  
All components are listed on AICS, or are exempt.

### 16 OTHER INFORMATION

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#### Additional information

**RESPIRATORS:** In general, the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.

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SYNERGISM - ANTAGONISM: Ingredients in this product may act together to aggravate or reduce adverse effects. Accordingly, the time weighted average concentration (TWA) provided for single ingredients should be considered as a guide only and all due care exercised when handling.

### PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

### HEALTH EFFECTS FROM EXPOSURE:

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

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

Hazard and precautionary statements according to classification under GHS (Globally Harmonised System) of Classification and Labelling.

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 SDS.

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

**[ End of SDS ]**