



DAVID GRAY & CO PTY LIMITED

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SAFETY DATA SHEET

IDENTIFICATION

PRODUCT NAME: David Grays Aerosol Antex Insecticide Spray

OTHER NAME: None available

MANUFACTURERS CODE: 07079 (250g)

USE: Insecticide aerosol spray.

HEALTH HAZARD INFORMATION

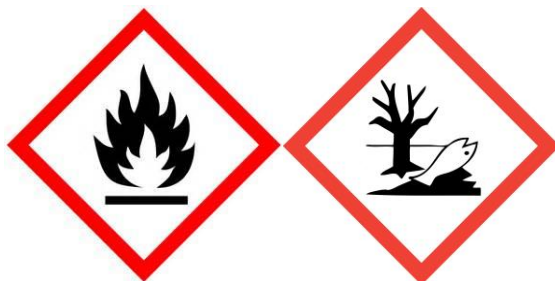
HEALTH EFFECTS

HAZARD CLASSIFICATION (In accordance with criteria of Worksafe Australia):

GHS Classification(s): Aerosols – Flammable Category 1
Aquatic Toxicity (Chronic): Category 1

2.2 Label elements

Signal word: DANGER



Pictogram (s):

Hazard Statements(s):

H222 – Extremely flammable aerosol

H410 – Very toxic to aquatic life with long lasting effects

Prevention statement(s)

P210 – Keep away from heat/sparks/open flames/hot surfaces. No smoking

P211 – Do not spray on an open flame or other ignition source

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P251 – Pressurised container: Do not pierce or burn, even after use

P273 – Avoid release to the environment

Response statement(s)

P391 – Collect spillage

Storage statement(s)

P410 + P412 – Protect from sunlight. Do not expose to temperatures exceeding 50C

Disposal statement(s)

P501 – Dispose of contents/container in accordance with relevant regulations

INGREDIENTS

CHEMICAL NAME	CAS.NO.	PROPORTION
Cypermethrin	52315-07-8	0.2%
Imiprothrin	72963-72-5	0.07%
Butylated Hydroxytoluene	128-37-0	<10%
D-Limonene	5989-27-5	<10%
Precipitated amorphous silica	7696-12-0	<0.5%
Hydrocarbon solvent	64771-72-8	>60%
Other ingredients determined to be non-hazardous	-	To 100%

FIRST AID MEASURES

Eye: 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.

Inhalation: If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.

Skin: 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. Skin For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor (at once).

Ingestion: If swallowed, do not induce vomiting. Ingestion is considered unlikely due to product form. Ingestion None allocated.

GENERAL:

In every case of suspected poisoning, contact a doctor or a Poisons Information Centre immediately. (Phone: 131126)

NOTE: Do not give fluids, tablets or induce vomiting if patient is unconscious or convulsing.

FIRST AID FACILITIES:

Soap, water, eyewash

ADVICE TO DOCTOR:

Treat symptomatically.

FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry Chemical, Foam or Carbon Dioxide

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of Carbon, Nitrogen, Sulphur and Hydrogen Chloride.
Aerosol cans can explode when heated above 50C

FIRE FIGHTING PERSONAL PROTECTIVE EQUIPMENT: Self-contained breathing apparatus. Rubber gloves and rubber boots

HAZCHEM CODE: 2YE

ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURE: Spill or leak area should be isolated immediately. Advise emergency services if required (FESA). Keep all unauthorised persons away from the area. Contain spill if safe to do so. (See below)

CONTAINMENT AND CLEAN UP: Contain spill by using absorbent material ie (sand, earth or attapulgate). Cover ant open drains with plastic, rubber etc. (See section handling and storage for PPE requirements). Do not allow entry into waterways. Collect (shovel or sweep) absorbent material into sealable steel or plastic containers, clearly labelled. Disposal of contaminated material must be done in accordance with State and/or Local regulations.
Small spills: If spilt indoors, once absorbed and removed, wash contaminated surface with a mild detergent solution

HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:

Avoid contact of the product with hands, skin, eyes and avoid breathing spray mist. Do not allow the product or spray mist to enter the mouth.

Wash hands, face and arms immediately after use and before eating, drinking, smoking or going to the toilet.

STORAGE:

Keep cool out of direct sunlight and provide adequate ventilation. Avoid contact with extremes of heat and oxidisers.

EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE STANDARDS:

Worksafe Occupational Exposure Standard (TWA – Time Weighted Average)

Propellent – propane/butane 800ppm

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.

BIOLOGICAL LIMIT:

Not relevant

ENGINEERING CONTROLS:

Use only in a well ventilated area.

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PERSONAL PROTECTIVE EQUIPMENT:

No personal protection required when used as recommended on the label.

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Fine mist
ODOUR:	Lemon odour
VAPOUR PRESSURE:	310 – 345kPa (45 – 50psig) @ 25°C
VAPOUR DENSITY:	Not available for mixture
BOILING POINT:	Propellent – minus 42°C
MELTING POINT:	Propellent – minus 138°C
SOLUBILITY IN WATER:	Concentrate not miscible with water
SPECIFIC GRAVITY:	Not applicable for packed aerosol
FLASH POINT:	Propellent – minus 104°C
FLAMMABILITY LIMITS:	Propellent 1.5% to 9.6% in air (v/v)
IGNITION TEMPERATURE:	Not determined for mixture

STABILITY AND REACTIVITY

CHEMICAL STABILITY:	Stable at normal storage conditions
CONDITIONS TO AVOID:	Extremes of heat
INCOMPATIBLE MATERIALS:	Oxidisers
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of Carbon, Nitrogen, Sulphur and Hydrogen Chloride
HAZARDOUS REACTIONS:	Explosion of aerosol can in extreme heat

TOXICOLOGICAL INFORMATION

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) >40g/kg

EYE:

Moderate eye irritant.

SKIN:

The acute dermal toxicity is low

INHALED:

Inhalation LD50 (rat) = No data available

CHRONIC:

Not expected to cause any adverse conditions during normal use.

ECOLOGICAL INFORMATION

ECOTOXICITY: Toxic to aquatic life

PERSISTENCE AND DEGRADABILITY: Not persistent in soil or air with a half-life of 7-14 days in soil

MOBILITY: Moderate to low mobility in soil with a Koc number ranging from 380 - 770

DISPOSAL CONSIDERATIONS

Disposal of contaminated material must be done in accordance with State and/or Local regulations. Dispose of empty containers by wrapping in paper, placing in plastic bag and putting in garbage. Do not allow chemical containers, spray or washings to contaminate drains, sewers, streams, ponds or any waterway.

TRANSPORT INFORMATION

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



UN NUMBER:	1950
CORRECT SHIPPING NAME:	Aerosols
DANGEROUS GOODS CLASS:	2.1 Flammable Gas
SUB-CLASS:	Not applicable
PACKAGING GROUP:	Not applicable
SPECIAL PRECAUTIONS FOR USER:	Not applicable
HAZCHEM CODE:	Non Allocated
POISON SCHEDULE:	S5 (cypermethrin)

REGULATORY INFORMATION

Classified as a Schedule 6 (S6) Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

OTHER INFORMATION

CONTACT POINT

TITLE:	Production Chemist
TELEPHONE NUMBER:	(08) 9337 4933

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AUTHORISED:

David Grays Technical Department

DATE:

22nd November 2020

NOTICE:

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

The information contained herein is given in good faith however and is considered 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 alter this SDS.

Contact David Gray & Co Pty Limited for further product information on (08) 9337 4933 during normal business hours, or via e-mail <mailto:general@davidgray.com.au>