



# DAVID GRAY & CO PTY LIMITED

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(During Office Hours 8am to 4.30pm Monday to Friday)

Date of Issue: January 2021

Page 1 of 5

## SAFETY DATA SHEET

### IDENTIFICATION

**PRODUCT NAME:** David Grays High Performance Roach Surface Spray

**OTHER NAME:** None available

**MANUFACTURERS CODE:** 1750 (350g)

**USE:** Insecticide aerosol spray.

### HEALTH HAZARD INFORMATION

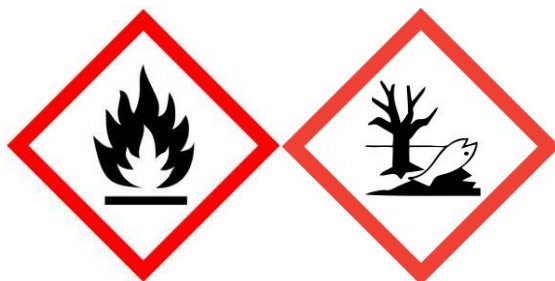
#### HEALTH EFFECTS

**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

# David Grays High Performance Roach Surface Spray

## Page 2 of 6

**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:

# David Grays High Performance Roach Surface Spray

## Page 3 of 6

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

# David Grays High Performance Roach Surface Spray

## Page 4 of 6

### ENGINEERING CONTROLS:

Use only in a well ventilated area.

### PERSONAL PROTECTIVE EQUIPMENT:

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

## PHYSICAL AND CHEMICAL PROPERTIES

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

## STABILITY AND REACTIVITY

<b>CHEMICAL STABILITY:</b>	Stable at normal storage conditions
<b>CONDITIONS TO AVOID:</b>	Extremes of heat
<b>INCOMPATIBLE MATERIALS:</b>	Oxidisers
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	Oxides of Carbon, Nitrogen, Sulphur and Hydrogen Chloride
<b>HAZARDOUS REACTIONS:</b>	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

# David Grays High Performance Roach Surface Spray

## Page 5 of 6

**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.



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

## REGULATORY INFORMATION

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

## OTHER INFORMATION

## CONTACT POINT

# David Grays High Performance Roach Surface Spray

## Page 6 of 6

**TITLE:** Production Chemist

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**AUTHORISED:** David Grays Technical Department

**DATE:** 12<sup>h</sup> January 2021

**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>