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MATERIAL SAFETY DATA SHEET

IDENTIFICATION

PRODUCT NAME: David Grays High Performance Roach Spray

Other names: None Allocated

MANUFACTURERS CODE: 61751

USE: Household insecticide aerosol spray

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

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

Classified as hazardous according to the criteria of NOHSC.

INGREDIENTS

CHEMICAL NAME	CAS.NO.	PROPORTION %
Cypermethrin	52315-07-8	0.2
Imiprothrin	72963-72-5	0.07
Hydrocarbon Solvent		>60
Hydrocarbon propellant	106-97-8/74-98-6	<60
Non Hazardous ingredients		Upto 100%

FIRST AID MEASURES

GENERAL:

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

EYE: Hold eyelids open and flush eyes with water for at least 15 minutes. If irritation occurs and persists, contact a doctor.

SKIN: Wash skin with water and soap. If irritation persists contact a doctor.

INHALED: Immediately remove patient to fresh air. Seek medical attention if effects persist.

FIRST AID FACILITIES: Fresh water, Eyewash

ADVICE TO DOCTOR: *Treat symptomatically.*

FIRE FIGHTING MEASURES

Specific Dangers: Aerosol cans may explode with extreme heat and become projectiles

Extinguisher Type: Water, foam, carbon dioxide

Fire Fighting Personal Protective Equipment: Avoid contact with eyes. Minimise contact with skin.

ACCIDENTAL RELEASE MEASURES

Spills: Keep areas well ventilated. Remove sources of ignition

Minor Spills: Wipe up spills with a clean dry cloth. Wash residues away with water.

Major Spills: 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.

HANDLING AND STORAGE

Handling: Dangerous good class 2.1 (aerosol). Handle accordingly

Storage: Dangerous good class 2.1 (aerosol). Store accordingly

Poison Schedule Number: S5 (Cypermethrin)

EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE STANDARDS:

Exposure Standards have been set for the following ingredients:

Ingredient	CAS No:	TWA		STEL		Carcinogen Category	Notices
		mg/m ³	ppm	mg/m ³	ppm		
Butane	106-97-8	1900	800	-	-	-	-
Propane	74-98-6	Asphyxiant	-	-	-	-	-
Butylated hydroxytoluen	128-37-0	128-37-0	10	-	-	-	-
Precipitated amorphous silica	112926-00-8	10	-	-	-	-	-

TWA= Time Weight Average

STEL= Short Term Exposure Limit

¹ Work safe Australia Exposure Standards for Atmospheric Contaminants in the Occupational Environment (NOHSC: 1003 1995)

ENGINEERING CONTROLS: Ensure adequate ventilation. Maintain air concentrations below exposure standards.

PERSONAL PROTECTIVE EQUIPMENT: When handling bulk quantities, wear suitable gloves, protective clothing and safety glasses. When ventilation is insufficient, a suitable respirator should be worn.

FLAMMABILITY: Flammable

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Slightly Cloudy Colourless liquid
BOILING POINT:	-12 ^o C (butane)
VAPOUR PRESSURE:	240 kPa @ 16 ^o C (butane)
SPECIFIC GRAVITY:	0.745 @ 25 ^o C (Concentrate)
FLASH POINT:	-60 ^o C (butane)

STABILITY AND REACTIVITY

CHEMICAL STABILITY:	Stable at normal storage conditions
DANGEROUS REACTIONS:	Aerosol cans may explode when subject to extremes of heat or pressure and may become projectile
DECOMPOSITION PRODUCTS:	Products may include oxides of carbon and nitrogen

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.

EYE: May cause mild aggravation.

SKIN: Irritating to the skin.

INHALED: May cause some irritation

ECOLOGICAL INFORMATION

Ecotoxicity The ecotoxicity of this product has not been determined.

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

UN NUMBER:	1950 (Aerosol)
ROAD TRANSPORT REGULATIONS:	Dangerous Good Class 2.1
DANGEROUS GOODS CLASS:	2.1
SPECIAL PRECAUTIONS FOR USER:	None allocated
HAZCHEM CODE:	Hazardous R38 (Irritation to the skin)

OTHER INFORMATION

CONTACT POINT

TITLE:	Technical Department
TELEPHONE NUMBER:	(08) 9337 4933
AUTHORISED:	Technical Department
DATE:	09 December 2013

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 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 MSDS.

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>