



# DAVID GRAY & CO PTY LIMITED

A.C.N. 008 671 127

2 Rawlinson Street O'Connor PO Box 2084 Palmyra DC  
Western Australia 6961

Ph (08) 9337 4933 Fax (08) 9337 8316

Internet: [www.davidgray.com.au](http://www.davidgray.com.au) (MSDS's & Company Information)

**Emergency Telephone Number (08) 9337 4933**  
(During Office Hours 8am to 4.30pm Monday to Friday)

Date of Issue: 02/09/13

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## MATERIAL SAFETY DATA SHEET

### IDENTIFICATION

**PRODUCT NAME:** David Grays ANTEX\* Granules

**Other names:** None Allocated

**MANUFACTURERS CODE:** 7051, 7052, 7053, 26631

**USE:** Use as Insect Granules

### HEALTH HAZARD INFORMATION

#### HEALTH EFFECTS

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF NATIONAL OCCUPATIONAL HEALTH AND SAFETY COMMISSION.

### INGREDIENTS

CHEMICAL NAME	CAS.NO.	PROPORTION (%)
Bifenthrin	82657-04-3	0.2
Silica amorphous	112926-00-8	<10
Silica, Quartz	14808-60-7	>60
Other ingredients classified as not hazardous according to NOHSC		to 100

### FIRST AID MEASURES

#### GENERAL:

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

**SWALLOWED:** Rinse mouth out with water. Give two glasses of water to drink. Seek medical attention.  
**NOTE:** Do not induce vomiting.

**EYE:** Hold eyelids open and flush eyes with water for at least 15 minutes. Seek medical attention.

**SKIN:** Wash skin with warm water and soap. If irritation occurs and persists, contact a doctor

**FIRST AID FACILITIES:** Fresh water, Eyewash

**ADVICE TO DOCTOR:** Treat symptomatically.

## FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Carbon dioxide, foam, dry chemical

**HAZCHEM CODE:** None allocated

## ACCIDENTAL RELEASE MEASURES

### SPILLS

**Minor Spills** Scoop materials into a labelled container for disposal.

**Major Spills** Contain spill. Shovel material into labelled containers for disposal. Do Not allow material to enter waterways.

## HANDLING AND STORAGE

**Handling** No special requirements.

**Storage** Store in a cool dry area out of direct sunlight.

## EXPOSURE CONTROLS/PERSONAL PROTECTION

**EXPOSURE STANDARDS:** Exposure standards<sup>1</sup> have been set for the following ingredients:

Ingredient	CAS No.	TWA		STEL		Carcinogen Category	Notices
		Mg/m <sup>3</sup>	Ppm	Mg/m <sup>3</sup>	ppm		
Quartz	14808-60-7	0.1	-	-	-	-	-
Silica Amorphous	112926-00-8	10	-	-	-	-	-

TWA = Time weight average

STEL = Short term exposure limit

<sup>1</sup>Worksafe Australia Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003 1995]

**ENGINEERING CONTROLS:** Keep area well ventilated. Maintain air concentration below exposure standards.

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

## PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Creamy brown granules
ODOUR:	Slight citronella
MELTING POINT:	Not determined
VAPOUR PRESSURE:	Not determined
FLASH POINT:	Not flammable
FLAMMABILITY LIMITS:	Not flammable
SOLUBILITY IN WATER:	Insoluble

## STABILITY AND REACTIVITY

CHEMICAL STABILITY:	Stable at normal storage conditions
CONDITIONS TO AVOID:	None
INCOMPATIBLE MATERIALS:	None allocated
HAZARDOUS DECOMPOSITION PRODUCTS:	Product may include oxides of Carbon & silicon, hydrogen chloride and hydrogen fluoride
HAZARDOUS REACTIONS:	Unknown
FLAMMABILITY	Not Flammable

## TOXICOLOGICAL INFORMATION

**Toxicity:** The toxicity of this product has not been determined.

## ECOLOGICAL INFORMATION

**ECOTOXICITY:** The ecotoxicity of this product has not been determined. However the active ingredient, Bifenthrin is highly *toxic* to ***fish and other aquatic life*** as well as ***Bees***.

## 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.

# REGULATORY INFORMATION

## AUSTRALIA

**Regulatory Status:** This product has been registered by the APVMA Australia; APVMA no. 60398

**Hazardous Substances Regulation:** Not hazardous

**RISK PHRASE(S):** R50/53 Very toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

**SAFETY PHRASE(S):** S2 Keep out of reach of children  
S61 Avoid release to the environment.

**SUSDP:** Not Scheduled

## TRANSPORT INFORMATION

Product is not classified as a dangerous good in accordance with the Australian Code for the Transport of Dangerous Goods by Road and Rail.

**UN NUMBER:** None allocated

**CORRECT SHIPPING NAME:** None allocated

**DANGEROUS GOODS CLASS:** None allocated

**SUB-CLASS:**

**PACKAGING GROUP:**

**SPECIAL PRECAUTIONS FOR USER:** None allocated

**HAZCHEM CODE:** None allocated

## OTHER INFORMATION

### CONTACT POINT

**TITLE:** Technical Department

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

**AUTHORISED:** Technical Department Manager

**DATE:** 02/09/2013

**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 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>