



DAVID GRAY & CO PTY LIMITED

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

Date of Issue: 27.02.08

MATERIAL SAFETY DATA SHEET

IDENTIFICATION

PRODUCT NAME: David Grays Antex Ready to Use Outdoor Pest Control

Other names: None Allocated

MANUFACTURERS CODE: 62050

USE: Barrier Spray

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

Not Classified as Hazardous according to NOHSC Criteria

INGREDIENTS

CHEMICAL NAME	CAS.NO.	PROPORTION
Polyoxyethylene 9 nonyl phenol ether	9016-45-9	<1.5%
Bifenthrin	82657-04-3	0.05%
PRESERVATIVE	Not available	<0.2%
Water	7732-18-5	>60 %

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 a glass 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: Immediately remove contaminated clothing and wash skin thoroughly with water for at least fifteen minutes.

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

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire.

HAZARDOUS DECOMPOSITION PRODUCTS: Non flammable. If product is present in a fire, toxic gases may be evolved. Evacuate area and contact emergency services.

Extinguishing: Non flammable.

Hazchem Code: None Allocated

FIRE FIGHTING PERSONAL PROTECTIVE EQUIPMENT: Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use water fog to cool intact containers and nearby storage areas.

ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURE:

Spillage: If spilt, mop up area and wash residue down with water. For large spills, wear safety glasses and PVC/rubber gloves during cleanup. Caution spill site may be slippery.

Do not allow entry into waterways. Disposal of contaminated material must be done in accordance with State and/or Local regulations.

HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:

Avoid contact of the product with hands, skin, and 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. Store in cool, dry area, removed from foodstuffs. Ensure containers are labelled, protected from physical damage and sealed when not in use.

EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE STANDARDS:

Worksafe Occupational Exposure Standard: None allocated

BIOLOGICAL LIMIT: None allocated

ENGINEERING CONTROLS: Use only in an area provided with appropriate exhaust ventilation

PERSONAL PROTECTIVE EQUIPMENT: Avoid contact with eyes and skin. For maximum protection, when handling or using the product the following personal protective equipments is recommended: chemical goggles or safety glasses. With prolonged use, wear PVC or rubber gloves.

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Slightly yellowish clear liquid
ODOUR:	Characteristic acrylic odour
pH:	8 - 10
BOILING POINT:	Approximately 100 °C
MELTING POINT:	None allocated
SOLUBILITY IN WATER:	Miscible in all proportions
SPECIFIC GRAVITY:	1.00
FLASH POINT:	Not flammable
FLAMMABILITY LIMITS:	Not flammable

STABILITY AND REACTIVITY

CHEMICAL STABILITY:	Stable at normal storage conditions
CONDITIONS TO AVOID:	None allocated
INCOMPATIBLE MATERIALS:	None allocated
HAZARDOUS DECOMPOSITION PRODUCTS:	Unknown
HAZARDOUS REACTIONS:	Unknown

TOXICOLOGICAL INFORMATION

GENERAL:

No adverse health effects are expected when the product is used in accordance with label directions.

Summary

No adverse health effects are anticipated with normal use of this product.

Eye: Low irritant.

Inhalation: Low irritant. Over exposure at high levels may result in mucous membrane irritation of the nose and throat with coughing.

Skin: Low irritant. Prolonged and repeated contact with the skin may result in mild irritation.

Ingestion: Low toxicity. Ingestion may result in headache, nausea, vomiting, gastrointestinal irritation and diarrhea.

Toxicity Data

BIFENTHRIN (82657-04-3)

LC50 (Inhalation): 4.9 mg/l/4 hours (rat)

LD50 (Skin): 2 g/kg (rabbit)

LD50 (Ingestion): 54.5 mg/kg (rat)

ECOLOGICAL INFORMATION

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

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 Waterways.

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: Celine Schnell
DATE: 27/02/08

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>