



# 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)

Date of Issue: May 2008

Page 1 of 4

## MATERIAL SAFETY DATA SHEET

### IDENTIFICATION

HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

**PRODUCT NAME:** David Grays DY- Fly Plus Fly Bait

**OTHER NAME:** None  
**MANUFACTURERS CODE:** 54118  
**PROPER SHIPPING NAME (ADG Code):** None allocated  
**UN NUMBER:** None allocated  
**DANGEROUS GOODS CLASS:** None allocated  
**SUBSIDIARY-RISK:** None allocated  
**PACKING GROUP:** None allocated  
**HAZCHEM CODE:** None allocated  
**POISONS SCHEDULE:** Poison 6  
**USE:** For control of adult houseflies associated with animal production, industrial and public health areas, as per the directions for use table.

### PHYSICAL DESCRIPTION / PROPERTIES

**APPEARANCE:** Red crystals/practically odourless  
**MELTING POINT:** Not available  
**BOILING POINT:** Not applicable  
**VAPOUR PRESSURE:** Not applicable  
**DENSITY:** Not applicable  
**FLASH POINT:** Not applicable  
**FLAMMABILITY LIMITS:** Not available  
**SOLUBILITY IN WATER:** Mostly Soluble  
**CORROSIVENESS:** Not corrosive  
**OTHER PROPERTIES:** Incompatible with alkalis.

### INGREDIENTS

CHEMICAL NAME	CAS.NO.	PROPORTION
Methomyl	16752-77-5	10g/kg
(Z)-9-Tricosene	27519-02-4	0.5g/kg
Ingredients determined to be non hazardous	-	To 100%

## HEALTH HAZARD INFORMATION

### HEALTH EFFECTS

**HAZARD CLASSIFICATION (In accordance with criteria of Worksafe Australia):** Xn - Harmful

**RISK PHRASES:** R22 – Harmful if swallowed

**SAFETY PHRASES:** S1/2 – Keep locked up and out of reach of children.  
S22 – Do not breathe dust.  
S36/37 – Wear suitable protective clothing and gloves.  
S45 – In case of an accident or if you feel unwell contact a doctor or Poisons Information Centre immediately.  
National Poisons Information Centre **131 126**

### GENERAL:

No adverse health effects are expected when the product is used in accordance with label directions. If mishandled (excessive exposure) may cause carbamate cholinesterase inhibition. Poisoning symptoms include headaches, dizziness, nausea, diarrhoea, incoordination, muscle twitching, tremors, abdominal cramps, tightness in chest, sweating, blurred vision, salivation, excessive urination and convulsions.

### ACUTE

#### SWALLOWED:

The acute oral toxicity is Moderate. Oral LD50 (rat) 20mg/kg (Methomyl).

For product Oral LD50 (rat) 2000mg/kg

#### EYE:

Moderate eye irritant.

#### SKIN:

The acute dermal toxicity is low. Repeated skin contact may cause allergic reactions.  
Dermal LD50 (rat) >5000mg/kg (Methomyl).

For product LD50 > 500000mg/kg.

#### INHALED:

The acute inhalation toxicity is low. Excessive exposure to dust may be harmful. Prolonged exposure to the dust may cause eye and respiratory irritation, dizziness and headaches.  
Inhalation LD50 (rat) = Not available mg/m<sup>3</sup> (4 hours) (Methomyl).

#### CHRONIC:

Methomyl does not cause generic change or accumulate in the body. Long term carcinogenicity studies of the active ingredient, methomyl, on rats and mice showed no increase in tumours.  
Avoid prolonged or repeated skin contact.

### FIRST AID

#### GENERAL:

In every case of suspected poisoning contact a doctor or a Poisons Information Centre immediately.

#### SWALLOWED:

Seek medical attention immediately. Do not induce vomiting. It is recommended to use activated charcoal to absorb the product swallowed.

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

**EYE:**

Hold eyelids open and flush eyes with water for at least fifteen minutes. Seek medical attention if symptoms occur.

**SKIN:**

Immediately remove contaminated clothing and wash skin thoroughly with soap and water for at least 15 minutes. If symptoms of poisoning occur, seek medical attention immediately.

**INHALED:**

Immediately remove patient to fresh air. If difficulty in breathing is experienced, give oxygen and artificial respiration if necessary. Seek medical attention if symptoms occur.

**FIRST AID FACILITIES:**

Soap, water and activated charcoal.

**ADVICE TO DOCTOR:**

Methomyl is a cholinesterase inhibitor. Preferred antidote: atropine by injection or atrovent/ipratropium by airway puff.

**PRECAUTIONS FOR USE**

**EXPOSURE STANDARDS:**

Worksafe Occupational Exposure Standard (TWA – Time Weighted Average)

No exposure standard has been assigned

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.

**ENGINEERING CONTROLS:**

Use only in a well ventilated area (external use only)

**PERSONAL PROTECTION:**

When handling the product use gloves. A dust mask and eye protection is also recommended. Remove contaminated clothing immediately and wash thoroughly. Wash hands, face and arms immediately after use and before eating and drinking.

**FLAMMABILITY:**

Product is not flammable

**SAFE HANDLING INFORMATION**

**STORAGE**

Store product in original container only in a well-ventilated area, out of direct sunlight and out of the reach of children. Keep away from foodstuffs.

**TRANSPORT**

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

**SPILLAGE**

Wear appropriate clothing while cleaning up spill (see Personal Protection). Prevent entry into drainage systems, waterways, rivers etc. Sweep up the material, wash contaminated surfaces with mild bleach solution (sodium hypochlorite).

**DISPOSAL**

Disposal of contaminated material must be done in accordance with State and/or Local regulations. Destroy empty containers by breaking, crushing or puncturing them. Dispose of the empty containers at a local authority landfill. Do not burn empty containers or product. Do not allow chemical containers to contaminate drains, sewers, streams, ponds or any waterway.

**FIRE/EXPLOSION HAZARD**

Not a fire or explosion hazard

**HAZARDOUS DECOMPOSITION PRODUCTS:**

If involved in a fire or exposed to extreme temperatures, hydrogen chloride, oxides of nitrogen, oxides of phosphorus, may be formed.

**FIRE FIGHTING EQUIPMENT:**

Foam, carbon dioxide (CO<sub>2</sub>), or dry chemical extinguishers may be used. Run-off must be contained

**OTHER INFORMATION**

**ECOTOXICITY DATA:**

Toxic to bees and fish

**ENVIRONMENTAL FATE:**

In soil, Methomyl is readily degraded by hydrolysis. Biochemical degradation is highly accelerated in alkaline soils. Methomyl will degrade rapidly when exposed to direct sunlight.

**CONTACT POINT**

**TITLE:** Technical Department

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

**AUTHORISED:** C. Schnell

**DATE:** 20 May 2008

**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 to be 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 make any alterations to this MSDS.

Contact David Gray & Co Pty Limited for further product information on (08) 9337 4933 during normal business hours.