



# DAVID GRAY & CO PTY LIMITED

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**Date of Issue: MARCH 2017**

## SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:**

**DAVID GRAYS SNAIL PELLETS**

**Recommended use of the chemical:**

Slug and snail bait.

**Restrictions on use:**

CAUTION: Accidental poisoning of pets may be fatal. DO NOT HEAP PELLETS. Observe pet behaviour after pellets have been applied. The bittering agent in the pellets should ensure the animal spits them out shortly after tasting. However, occasionally an animal may continue eating the product. If this occurs, remove the animal at once from the area.

**Supplier:**

**David Gray & Co. Pty Ltd**  
**2 Rawlinson Street, O'Connor, 6163 W.A.**  
**(08) 9337 4933**

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### 2. HAZARDS IDENTIFICATION

Not classified as a Dangerous Good under NZS 5433:2012 Transport of Dangerous Goods on Land.

Classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2001.

**SIGNAL WORD:** WARNING

**Subclasses:**

Subclass 6.4 Category A-Substances that are irritating to the eye.

Subclass 6.8 Category B -Substances that are suspected human reproductive or developmental toxicants.

Subclass 6.9 Category B -Substances that are harmful to human target organs or systems.

Subclass 9.1 Category D -Substances that are slightly harmful to the aquatic environment or are otherwise designed for biocidal action.

**Hazard Statement(s):**

H320 Causes eye irritation.

H361 Suspected of damaging fertility or the unborn child.

H373 May cause damage to organs through prolonged or repeated exposure.

H402 Harmful to aquatic life

**Precautionary Statement(s):****Prevention:**

P103 Read label before use.

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P264 Wash hands thoroughly after handling.

P281 Use personal protective equipment as required.

P273 Avoid release to the environment.

**Response:**

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

P308+P313 IF exposed or concerned: Get medical advice/attention.

P314 Get medical advice/attention if you feel unwell.

**Storage:**

P405 Store locked up.

**Disposal:**

P501 In case of a substance that is in compliance with a HSNO approval other than a Part 6A (Group Standards) approval, a label must provide a description of one or more appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Regulations 2001. This may also include any method of disposal that must be avoided.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Product Description:** Product contains a bittering agent.

Components	CAS Number	Proportion	Hazard Codes
Metaldehyde	108-62-3	20 g/kg	H228 H302
Ingredients determined not to be hazardous	-	to 100%	-

### 4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor.

**Inhalation:**

Remove victim from area of exposure -avoid becoming a casualty. Seek medical advice if effects persist.

**Skin Contact:**

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

**Eye Contact:**

If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre or a doctor, or for at least 15 minutes.

**Ingestion:**

Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water. If vomiting occurs give further water. Seek immediate medical assistance.

**Indication of immediate medical attention and special treatment needed:**

Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:**

Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder).

**Specific hazards arising from the substance or mixture:**

Combustible solid.

**Special protective equipment and precautions for fire-fighters:**

On burning will emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

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## 6. ACCIDENTAL RELEASE MEASURES

**Emergency procedures/Environmental precautions:**

If contamination of sewers or waterways has occurred advise local emergency services.

**Personal precautions/Protective equipment/Methods and materials for containment and cleaning up:**

Collect and seal in properly labelled containers for disposal.

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## 7. HANDLING AND STORAGE

**Precautions for safe handling:** Keep out of reach of children. Avoid contact during pregnancy. Avoid skin and eye contact and breathing in dust.

**Conditions for safe storage, including any incompatibilities:** Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Store in a locked room or place away from children, animals, food, feedstuffs, seed and fertilisers.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Workplace Exposure Standards:** No value assigned for this specific material by the New Zealand Department of Labour (Health & Safety). However, supplier recommended Exposure Standard(s):  
Grain filler dust: 8hr WES-TWA = 4 mg/m<sup>3</sup>

WES -TWA (Workplace Exposure Standard -Time Weighted Average) -The eight-hour, time-weighted average exposure standard is designed to protect the worker from the effects of long-term exposure.

These Workplace Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These workplace exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

**Appropriate engineering controls:**

Natural ventilation should be adequate under normal use conditions.

**Individual protection measures, such as Personal Protective Equipment (PPE):**

Avoid contact with eyes and skin and breathing in dust. Wash hands and exposed skin thoroughly after use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Pellets
<b>Colour:</b>	Pale Green
<b>Odour:</b>	Wheaty
<b>Solubility:</b>	Insoluble in water.
<b>Specific Gravity:</b>	0.6 kg/L (bulk density)
<b>Relative Vapour Density (air=1):</b>	Not applicable
<b>Vapour Pressure (20 °C):</b>	Not applicable
<b>Flash Point (°C):</b>	Not applicable
<b>Flammability Limits (%):</b>	Not applicable
<b>Autoignition Temperature (°C):</b>	Not applicable
<b>% Volatile by Weight:</b>	Not available
<b>Melting Point/Range (°C):</b>	Not available
<b>Boiling Point/Range (°C):</b>	Not applicable
<b>Decomposition Point (°C):</b>	Not available
<b>pH:</b>	Not applicable
<b>Viscosity:</b>	Not applicable
<b>Evaporation Rate:</b>	Not applicable
<b>Partition Coefficient:</b>	LogPow (Metaldehyde): 0.12

## 10. STABILITY AND REACTIVITY

**Reactivity:** No information available.

**Chemical stability:** Product is stable for at least 4 years under ambient storage conditions.

**Possibility of hazardous reactions:** None known.

<b>Conditions to avoid:</b>	Avoid contact with foodstuffs. Avoid exposure to extreme heat. Avoid exposure to moisture.
<b>Incompatible materials:</b>	Incompatible with oxidising agents.
<b>Hazardous decomposition products:</b>	Oxides of carbon.

## 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

<b>Ingestion:</b>	Swallowing can result in abdominal cramps, nausea, vomiting, salivation, facial flushing and fever. Larger exposures may result in drowsiness, irritability, lack of muscular coordination and tremor.
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**Eye contact:** Exposure to the dust may cause discomfort due to particulate nature. May cause physical irritation to the eyes.

**Skin contact:** Repeated or prolonged skin contact may lead to irritation.

**Inhalation:** Breathing in dust may result in respiratory irritation.

**Acute toxicity:** No LD50 data available for the product. For the constituent METALDEHYDE:

Oral LD50 (rat): 283 mg/kg (1)

Dermal LD50 (rat): >5000 mg/kg (1)

**Chronic effects:** Evidence indicates that repeated or prolonged exposure to this chemical could result in effects on the gastrointestinal system, liver and reproductive system.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** Avoid contaminating waterways and fishponds. Keep children, pets and poultry off treated areas.

For METALDEHYDE:

**Aquatic toxicity:** Harmful to aquatic organisms. Risk of bioaccumulation in an aquatic species is low.

48hr EC50 (Daphnia magna): >90 mg/L (1)

96hr LC50 (rainbow trout): 75 mg/L (1)

**Terrestrial toxicity:** Harmful to terrestrial species.

Oral LD50 (avian): 181 mg/kg (quail) (1)

## 13. DISPOSAL CONSIDERATIONS

### Disposal Methods:

Refer to local government authority for disposal recommendations. Dispose of contents/container in accordance with local/regional/national/international regulations.

## 14. TRANSPORT INFORMATION

### Road and Rail Transport

Not classified as a Dangerous Good under NZS 5433:2012 Transport of Dangerous Goods on Land.

### Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

### Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.

## 15. REGULATORY INFORMATION

### **Classification:**

Classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2001

### **Subclasses:**

Subclass 6.4 Category A -Substances that are irritating to the eye.

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### **Hazard Statement(s):**

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H402 Harmful to aquatic life.

### **NOTICE:**

This Safety Data Sheet has been developed according to the Worksafe Australia Codes of Practice.

Hazard and precautionary statements according to classification under GHS (Globally Harmonised System of Classification and Labelling)

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 SDS.

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

**SDS DATE: March 2017**