



## 1. PRODUCT AND COMPANY IDENTIFICATION

Product: Donaghys Slugicide  
Company: Donaghys Industries Ltd  
Address: 2 Nazareth Ave, PO Box 20449, Christchurch, New Zealand  
Telephone Number: 0800 942 006  
Emergency Telephone Number (24/7): National Poisons Centre 0800 POISON (764 766)  
Chemical family: aldehyde  
Manufacturer's Product Code:  
Use: Pesticide for land-based slugs and snails

## 2. HAZARDS IDENTIFICATION

Hazard classes: 6.8B – WARNING: Suspected of damaging the fertility of the unborn child  
6.9B – WARNING: May cause damage to organs  
9.1D – Harmful to aquatic life

ERMA NZ approval code: HSR000142

## 3. COMPOSITION

<u>Chemical Entity</u>	<u>CAS #</u>	<u>Proportion</u>
Metaldehyde (2,4,6,8-tetramethyl-1,3,5,7-tetraoxocane)	108-62-3	18g/kg
Non-hazardous inerts		Balance

Note: contains Bitrex, a repellent for cats and dogs.

## 4. FIRST AID INFORMATION

**Consult the National Poisons Information Centre (0800 POISON or 0800 764 766) or a doctor in every case of suspected chemical poisoning. If medical advice is needed, have product container or label at hand. Never give fluids or induce vomiting if a patient is unconscious or convulsing regardless of cause of injury.**

Ingestion: If swallowed and you feel unwell, call a Poison Centre or doctor / physician. May cause damage to organs after repeated oral exposure at high doses. Drink several glasses of water, rinse mouth and seek medical attention. Do not induce vomiting or give anything by mouth to an unconscious person. If medical advice is needed, have a product label or container at hand.

Eye contact: May cause eye irritation. Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. If eye irritation persists: Get medical advice/attention.

### IN CASE OF EMERGENCY PHONE

**National Poisons Centre 03-474-4700 or 0800 POISON (0800-764-766)**

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- Skin contact:** May cause mild skin irritation. If on skin, wash with plenty of soap and water. If skin irritation or rash occurs, get medical advice/attention.
- Inhalation:** May be harmful if inhaled. Do not breathe dust. If ill-effects occur move to fresh air. Call the National Poisons Centre (0800 764 766) or get medical advice/attention if you feel unwell.
- Advice to Doctor:** Treat according to symptoms. No specific antidote.

### 5. FIRE FIGHTING MEASURES

- Flashpoint:** Not applicable.
- Specific Hazards:** Combustible solid (metaldehyde active)
- Extinguishing media:** Water fog, dry chemical, foam or carbon dioxide.
- Special fire fighting methods:** Noxious fumes produced under fire conditions. Wear positive pressure self-contained, breathing apparatus and full protective equipment.

### 6. ACCIDENTAL RELEASE MEASURES

- Spills and Disposal:** Avoid contact with the spilled material or contaminated surfaces. Collect spillage using appropriate personal protection equipment and seal in appropriately labeled containers. Report large spills by contacting Emergency Services on 111 immediately.

### 7. HANDLING AND STORAGE

- Storage:** Keep out of reach of children. Store locked up in a well-ventilated area out of direct sunlight. Keep cool. Keep containers tightly closed, away from feed, food stuffs, fertilizers and seeds.
- Handling:** **Obtain all necessary instruction before use. Do not handle product until all safety precautions have been read and understood.** Wear chemical resistant gloves and face/eye protection. Keep away from open flames or hot surfaces. Do not breathe dust. Wash protective clothing and equipment before reuse. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Avoid unintended release to the environment. Collect spillage.

This substance is subject to a requirement for an emergency plan, secondary containment and signage, whenever it is held in quantities of 100 litres or more, either alone or in aggregate with other hazardous substances. See Hazardous substances (Emergency Management) Regulations 25 to 42.

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## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

These precautions are suggested for conditions where the potential for exposure exists. Emergency conditions may require additional precautions.

- Exposure Guidelines: None available
- Protective Clothing: Where contact is likely, wear chemical-resistant (e.g. nitrile or butyl) gloves, cotton overalls, and chemical resistant footwear. Avoid contact with skin and eyes and breathing in dust.
- Engineering Controls: Natural ventilation should be adequate under normal use conditions. If you feel unwell, call the National Poisons Centre (0800 764 766) or a doctor/physician.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: Green pellets
- Odour: Citrus
- Specific Gravity: >1.0
- Vapor Pressure: Not applicable
- Flash Point: Not applicable
- Autoignition Temperature: Not applicable
- Explosive Properties: Not applicable
- Decomposition Temperature: 80°C (metaldehyde active)
- Solubility in Water: Insoluble
- pH: 7.0-9.0

## 10. STABILITY AND REACTIVITY

- Conditions to avoid: Avoid excessive heat. Stable at normal temperatures for up to 2 years.
- Materials to avoid: None
- Hazardous decomposition products: Noxious fumes produced under fire conditions.

## 11. TOXICOLOGICAL INFORMATION

- Eye contact: May cause slight irritation. Corneal injury is unlikely.
- Skin contact: LD50 (rat) > 5000mg/kg  
May cause skin irritation through repeated or prolonged exposure.
- Acute Ingestion: LD50 (rat) = 283mg/kg for the active ingredient. Symptoms include abdominal cramps, nausea, vomiting, salivation, facial flushing and fever. Larger exposure may result in drowsiness, irritability, lack of muscular coordination and tremors.
- Acute Inhalation: Breathing in dust may result in respiratory irritation.

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Long Term Effects: Studies indicate that prolonged or repeated exposure could have adverse effects on the gastrointestinal system, liver and reproductive system, and may cause harm to the unborn child.

## 12. ECOLOGICAL INFORMATION

Aquatic Toxicity: Harmful to aquatic life.  
EC50 (Daphnia magna) (48hr) > 90mg/L  
LC50 (rainbow trout) (96hr) = 75mg/L

Terrestrial Vertebrates: Toxic to terrestrial vertebrates.  
Oral LD50 (quail) = 181mg/kg

## 13. DISPOSAL INFORMATION

Burn container if circumstances (especially wind direction) permit. Otherwise puncture top, bottom and sides and bury in an approved landfill or under 50cm of earth. Avoid contamination of any water supply. Do not use container for any other purpose.

## 14. TRANSPORT INFORMATION

Shipping Name: Not a dangerous good.  
UN Number: None allocated  
Class: None allocated  
Packing Group: None allocated

## 15. REGULATORY INFORMATION

ACVMG Approval Number: P7691 (see [www.nzfsa.govt.nz/acvm](http://www.nzfsa.govt.nz/acvm) for conditions)  
ERMA New Zealand Approval Code: HSR000142 (see [www.ermanz.govt.nz](http://www.ermanz.govt.nz) for conditions)

## 16. OTHER INFORMATION

The information contained herein is given in good faith. No warranty, expressed or implied is made. Any use of this information must be determined by the user to be in accordance with applicable Government laws and regulations. The information contained in this form is confidential and is submitted for your organisations internal use.

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