



SAFETY DATA SHEET

According to Safe Work Australia

Printing date 13.08.2021

Revision: 13.08.2021

Product Name: 4FARMERS SNAIL & SLUG BAIT (PELLETS)

1. IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Name: 4FARMERS SNAIL & SLUG BAIT (PELLETS)

Other Means of Identification: Mixture

Recommended Use of the Chemical and Restriction on Use: For the control of slugs and snails

Details of Manufacturer or Importer:

4Farmers Australia Pty Ltd
70 McDowell Street
Welshpool WA 6106

Phone Number: +61 8 9356 3446

Emergency telephone number: National Poison Information Centre: 13 11 26

2. HAZARDS IDENTIFICATION

Hazardous Nature:

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)



environment

Aquatic Acute 1 H400 Very toxic to aquatic life.

Aquatic Chronic 1 H410 Very toxic to aquatic life with long lasting effects.

Signal Word Warning

Hazard Statements

H302 Harmful if swallowed

H410 Very toxic to aquatic life with long lasting effects.

Precautionary Statements

P261 Avoid breathing dusts.

P262 Do not get in eyes, on skin, or on clothing.

P264 Wash contacted areas thoroughly after handling.

P270 Do not eat, drink or smoke when using this product

PP281 Use personal protective equipment as required.

273 Avoid release to the environment.

P391 Collect spillage.

P501 Dispose of contents/container in accordance with local/regional/national regulations.

Response

P330 Rinse mouth.

P301+P312 IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Storage

P402+P404 Store in a dryplace. Store in a closed container.

P403+P235 Store in a well-ventilated place. Keep cool.

Disposal

P501 Dispose of contents and container as specified on the registered label.

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Characterization: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Hazardous Components:



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108-62-3	metaldehyde	1-3%
	Flam. Liq. 3, H226; Flam. Sol. 2, H228; Acute Tox. (Oral) 4, H302	
3734-33-6	denatonium benzoate	<1%
	Acute Tox. (Oral) 3, H301	

Additional information: Colouring agent - CAS No. not supplied - <1%

4 . FIRST AID MEASURES

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

Skin Contact:In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

Eye Contact:

In case of eye contact, hold eyelids open and rinse with water for at least 15 minutes. Seek medical attention if symptoms persist.

Ingestion:

If swallowed, do not induce vomiting. Immediately rinse mouth with water. Give a glass of water. Do not give anything by mouth to an unconscious person. Seek immediate medical attention.

Information for Doctor:

Effects may be delayed. Remove metaldehyde by gastric lavage with a 2-5% sodium bicarbonate solution and activated charcoal, effective up to 12-24 hours after swallowing.

Symptoms Caused by Exposure:

Inhalation: Dust may cause mild respiratory irritation.

Skin Contact: Dust may cause mild skin irritation.

Eye Contact: Dust may cause mild eye irritation.

Ingestion: May cause nausea, abdominal pain and convulsions in severe cases of poisoning.

5 . FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Water fog (or if unavailable fine water spray), foam, carbon dioxide or dry chemical powder.

Specific Hazards Arising from the Chemical:

Combustible solid. May form flammable dust clouds in air. On burning will emit toxic fumes.

Special Protective Equipment and Precautions for Fire Fighters:

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

6 . ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear approved respiratory protection, chemical resistant gloves, protective clothing and safety boots. Evacuate all non-essential personnel from affected area. Do not breathe dust. Ensure adequate ventilation. Avoid generating dust.

Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains or water courses.

Methods and Materials for Containment and Cleaning Up:

Large spills - Cover with damp absorbent (inert material, sand or soil). Sweep or vacuum up, but avoid generating dust. Collect and seal in properly labeled containers or drums for disposal. Wash area down with detergent and excess water.

7 . HANDLING AND STORAGE

Precautions for Safe Handling:

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of dust.

Food, beverages and tobacco products should not be stored or consumed where this material is in use.

Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and



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other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

Conditions for Safe Storage: Store in a cool, dry and well ventilated area. Keep in original container tightly closed when not in use. Protect from direct sunlight. Protect from physical damage.

8 . EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Standards:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Engineering Controls: Ensure adequate ventilation of the working area.

Respiratory Protection:

Where an inhalation risk exists, wear a Class P1 (particulate) respirator. At high dust levels, wear a powered air purifying respirator (PAPR) with Class P3 (Particulate) filter or an air-line respirator or a full-face Class P3 (particulate) respirator. See Australian/New Zealand Standards AS/NZS 1715 and 1716 for more information.

Skin Protection:

PVC or rubber gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

Eye and Face Protection:

Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

9 . PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Form:	Pellets
Colour:	Green
Odour:	Faint odour of metaldehyde
Odour Threshold:	No information available
pH-Value:	No information available
Melting point/Melting range:	No information available
Initial Boiling Point/Boiling Range:	No information available
Flash Point:	No information available
Flammability:	Combustible solid
Auto-ignition Temperature:	No information available
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	No information available
Upper:	No information available
Vapour Pressure:	No information available
Relative Density at 20 °C:	1.108
Vapour Density:	No information available
Evaporation Rate:	No information available
Solubility in Water at 20 °C:	200 mg/L (metaldehyde) Sparingly soluble in water. Pellets breakdown in contact with water.

(Contd. of page 3)

10 . STABILITY AND REACTIVITY

Possibility of Hazardous Reactions: Hazardous polymerisation will not occur.

Chemical Stability: Stable at ambient temperature and under normal conditions of use.



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Conditions to Avoid: Direct sunlight.

Incompatible Materials: No information available

Hazardous Decomposition Products: Toxic fumes

11 . TOXICOLOGICAL INFORMATION

Toxicity:

LD₅₀/LC₅₀ Values Relevant for Classification:

108-62-3 metaldehyde

Oral	LD ₅₀	630 mg/kg (rat)
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Acute Health Effects

Inhalation: Dust may cause mild respiratory irritation.

Skin: Dust may cause mild skin irritation.

Eye: Dust may cause mild eye irritation.

Ingestion:

May cause nausea, abdominal pain and convulsions in severe cases of poisoning. May cause mild irritation.

Skin Corrosion / Irritation: Based on classification principles, the classification criteria are not met.

Serious Eye Damage / Irritation: Based on classification principles, the classification criteria are not met.

Respiratory or Skin Sensitisation: Based on classification principles, the classification criteria are not met.

Germ Cell Mutagenicity: Based on classification principles, the classification criteria are not met.

Carcinogenicity: This product does NOT contain any IARC listed chemicals.

Reproductive Toxicity: Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Single Exposure:

Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:

Based on classification principles, the classification criteria are not met.

Aspiration Hazard: Based on classification principles, the classification criteria are not met.

Chronic Health Effects: No information available

Existing Conditions Aggravated by Exposure: No information available

Additional toxicological information:

The Australian Acceptable Daily Intake (ADI) for metaldehyde for a human is 0.005 mg/kg/day, set for the public for daily, lifetime exposure. This is based on the NOEL of 5 mg/kg/day, the level determined to show no effects during long term exposure for the most sensitive indicators and the most sensitive species. (Ref: Comm. Dept. of Health and Ageing Office of Chemical Safety, 'ADI List', June 2014).

Symptoms of metaldehyde poisoning (less than 50 mg/kg) include retching severe vomiting, abdominal pain, temperature elevation, muscular rigidity, and hyperventilation. At doses more than 100 mg/kg symptoms include hyperreflexia, convulsions, coma and possible death.

12 . ECOLOGICAL INFORMATION

Ecotoxicity: Low toxicity to earthworms.

Aquatic toxicity: Harmful to aquatic organisms.

Persistence and Degradability: Not readily degradable.

Bioaccumulative Potential: No information available

Mobility in Soil: No information available

Other adverse effects: No information available

13 . DISPOSAL CONSIDERATIONS

Disposal Methods and Containers: Dispose according to applicable local and state government regulations.



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Special Precautions for Landfill or Incineration:

Please consult your state Land Waste Management Authority for more information.

14 . TRANSPORT INFORMATION

UN Number Not regulated

Proper Shipping Name Not regulated

Dangerous Goods Class Not regulated

Packing Group: Not regulated

15 . REGULATORY INFORMATION

Australian Inventory of Chemical Substances:

108-62-3 metaldehyde

3734-33-6 denatonium benzoate

Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:

Poisons Schedule: 5

16 . OTHER INFORMATION

Date of Preparation or Last Revision: 13.08.2021

Prepared by: MSDS.COM.AU Pty Ltd

www.msds.com.au

Abbreviations and acronyms:

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC₅₀: Lethal concentration, 50 percent

LD₅₀: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Flam. Liq. 3: Flammable liquids, Hazard Category 3

Flam. Sol. 2: Flammable solids, Hazard Category 2

Acute Tox. (Oral) 3: Acute toxicity, Hazard Category 3

Acute Tox. (Oral) 4: Acute toxicity, Hazard Category 4

Aquatic Acute 1: Hazardous to the aquatic environment, short-term (Acute). Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment, long-term (Chronic). Category 1

Disclaimer

This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - December 2011"

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