

Infosafe No™ 3NV0G	Issue Date : July 2017	ISSUED by NUFARM
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Product Name **Slugout All Weather Slug and Snail Bait**

Not classified as hazardous

## 1. Identification

**GHS Product Identifier** Slugout All Weather Slug and Snail Bait

**Product Code** 1089

**Product Type** Molluscicide

**Company Name** NUFARM AUSTRALIA LIMITED. (ABN 80 004 377 780)

**Address** 103-105 Pipe Road Laverton North  
Victoria 3026 Australia

**Telephone/Fax Number** Tel: +61 3 9282-1000  
Fax: +61 3 9282-1001

**Emergency phone number** 1800 033 498 (24hr Australia)

**Recommended use of the chemical and restrictions on use** For the control of slugs and snails in gardens, fruit and vegetable crops, winter cereals, oilseeds (including poppies), pulses and pastures as per the Directions for Use table on the label.

## 2. Hazard Identification

**GHS classification of the substance/mixture** Not classified as hazardous under the GHS criteria. NON-DANGEROUS GOODS. Dangerous goods classification according to the Australia Dangerous Goods Code.

**Other Information** Poisons Schedule S5

## 3. Composition/information on ingredients

**Chemical Characterization** Solid

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Metaldehyde	108-62-3	18 g/kg
	Other Ingredients		Balance

## 4. First-aid measures

**Inhalation** Over-exposure by inhalation is improbable. Check for other causes of observed symptoms and seek medical advice.

**Ingestion** If swallowed do NOT induce vomiting; seek medical advice immediately and show this container or label or contact the Poisons Information Centre on 13 11 26 (Aust). Make every effort to prevent vomit from entering the lungs by careful placement of the patient.

**Skin** Wash affected areas thoroughly with soap and water.  
Remove contaminated clothing and launder before re-use.

**Eye contact** If in eyes, hold eyelids open and wash with copious amounts of water for at least 15 minutes.  
Seek medical advice.

**First Aid Facilities** If poisoning occurs, contact a doctor or the Poisons Information Centre (Australia) on 13 11 26.

**Advice to Doctor** Onset of symptoms may be delayed for several hours. Consider gastric lavage, after intubation, and administration of activated charcoal and a saline cathartic. Convulsions may be treated with intravenous (IV) diazepam.

## 5. Fire-fighting measures

**Suitable extinguishing media** Water fog, foam, carbon dioxide or dry chemical.

**Hazards from Combustion Products** May emit hazardous smoke and fumes if involved in fires or exposed to extreme heat.

**Special Protective Equipment for fire fighters** Breathable air apparatus should be worn when fighting a fire in which this product is involved.

## 6. Accidental release measures

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<b>Spills &amp; Disposal</b>	Collect spilled material and waste in sealable open-top type containers for disposal. On-site disposal of concentrate is not acceptable. Recover the product by sweeping up or vacuuming without raising dust.
<b>Clean-up Methods - Small Spillages</b>	For appropriate personal protective equipment (PPE), refer Section 8.
<b>Clean-up Methods - Large Spillages</b>	Wear eye protection, gloves, boots and overalls.

## 7. Handling and storage

<b>Precautions for Safe Handling</b>	Keep away from animals, poultry, ducks and domestic pets as accidental poisoning may be fatal. Dogs and other animals find this bait attractive and it may kill them. If pets or livestock are poisoned contact a veterinary surgeon.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in the closed, original container in a cool, well ventilated area. Do not store for prolonged periods in direct sunlight. Keep container tightly sealed and do not store with seed, fertilisers or foodstuffs.
<b>Other Information</b>	Always read the label and any attached leaflet before use.

## 8. Exposure controls/personal protection

<b>Occupational exposure limit values</b>	No exposure standards have been set for this product or the active ingredients. Safe Work Australia has set the following exposure standard for acetaldehyde (a decomposition product of metaldehyde) : TLV (TWA) 20 ppm or 36 mg/m <sup>3</sup> , STEL 50 ppm or 91 mg/m <sup>3</sup> .
<b>Appropriate engineering controls</b>	Handle in well ventilated areas, generally natural ventilation is adequate.
<b>Personal Protective Equipment</b>	It is good practice to wear suitable personal protective equipment (PPE). Recommended safety equipment is: Plastic or rubber gloves.
<b>Hygiene Measures</b>	After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash contaminated clothing and safety equipment.

## 9. Physical and chemical properties

<b>Form</b>	Solid
<b>Appearance</b>	Green pellets
<b>Odour</b>	Acetaldehyde odour
<b>Solubility in Water</b>	Not soluble.
<b>Vapour Pressure</b>	6600 mPa (metaldehyde, 25°C)
<b>Partition Coefficient: n-octanol/water</b>	Kow Log P is 0.12 (metaldehyde)
<b>Density</b>	1280g/L (Bulk Density)
<b>Flammability</b>	Combustible

## 10. Stability and reactivity

<b>Chemical Stability</b>	Stable under normal conditions.
<b>Hazardous Polymerization</b>	Hazardous polymerisation is not possible.

## 11. Toxicological Information

<b>Acute Toxicity - Oral</b>	The following data is for the active ingredient, metaldehyde. LD50 (rat) 283 mg/kg
<b>Acute Toxicity - Dermal</b>	LD50 (rat) >5,000 mg/kg

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<b>Acute Toxicity - Inhalation</b>	LC50 (rat) (4hr) >15 mg/l
<b>Ingestion</b>	Symptoms of mild poisoning include nausea, salivation, vomiting, diarrhoea, abdominal pain and muscle spasms. More severe poisoning may also cause rapid heart beat, respiratory depression and eventual coma.
<b>Inhalation</b>	May cause irritation to the respiratory tract if dusts are inhaled.
<b>Skin</b>	May irritate the skin.
<b>Eye</b>	Dusts may cause slight irritation to the eyes.
<b>Skin Sensitisation</b>	Product is not a skin sensitiser.
<b>Chronic Effects</b>	Based on available data, repeated exposures are not anticipated to cause additional significant adverse effects.
<b>Serious eye damage/irritation</b>	Mild eye irritant.
<b>Skin corrosion/irritation</b>	Mild skin irritant.
<b>Other Information</b>	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: Aust Govt Dept. of Health, Office of Chemical Safety, 'ADI List', March 2016).

## 12. Ecological information

<b>Other Precautions</b>	Keep domestic pets and poultry away from treated areas. Do not contaminate dams, waterways or sewers with this product or the containers which have held this product.
<b>Acute Toxicity - Fish</b>	The following is data for the active ingredient, metaldehyde. Not toxic to fish. LC50 (96 hr) for rainbow trout is 75 mg/l.
<b>Acute Toxicity - Daphnia</b>	EC50 (48hr) for daphnia is >90 mg/l for metaldehyde.
<b>Acute Toxicity - Algae</b>	LC50 (72hr) for <i>Desmodesmus subspicatus</i> is >200mg/l for metaldehyde
<b>Acute Toxicity - Other Organisms</b>	LD50 for quail is 170 mg/kg Not toxic to bees

## 13. Disposal considerations

<b>Product Disposal</b>	On site disposal of the concentrated product is not acceptable. Ideally, the product should be used for its intended purpose. If there is a need to dispose of the product, approach local authorities who hold periodic collections of unwanted chemicals (ChemClear®).
<b>Container Disposal</b>	Shake the last amount of product from the container into the application equipment. Do not use this container for any other purpose. If not recycling, puncture or shred and bury containers in local authority landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

## 14. Transport information

<b>Storage and Transport</b>	Considered non dangerous for road and rail transport by the Australian Code for the Transport of Dangerous Goods (ADG Code), by sea (IMDG Code) and by air (IATA code).
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## 15. Regulatory information

<b>Regulatory Information</b>	Australia: WHS regulations (2011) - Schedule 11: classification not listed.
<b>Poisons Schedule</b>	S5



# Safety Data Sheet

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**Packaging & Labelling** CAUTION  
KEEP OUT OF REACH OF CHILDREN  
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

**Other Information** This product is registered with the Australian Pesticides and Veterinary Medicines Authority (APVMA). APVMA product number: 49324.

## 16. Other Information

**Date of preparation or last revision of SDS** 12/07/2017

**Contact Person/Point** Normal Hours: ???????????? Phone: +60 (0) 3 8075 3171  
After Hours: ?????????????? Phone: +60 (0) 19 324 4704  
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9 A & B, Jalan USJ 21/5  
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47630 Subang Jaya  
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**Revisions Highlighted** The SDS was reviewed. Minor changes were made to the information and product has been rebranded.  
...End Of MSDS...

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