Infosafe No™ 3NUBR	Issue Date : July 2016	ISSUED by CRPCARE

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	Crop Care Australasia Pty Ltd (ABN 53 061 362 347)
Address	Unit 17/16 Metroplex Avenue Murarrie Queensland 4172 Australia
Telephone/Fax Number	Tel: +61 7 3909 2000 Fax: +61 7 3909 2010
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

Name	CAS	Proportion
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

Spills & Disposal	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.
Clean-up Methods - Small Spillages	For appropriate personal protective equipment (PPE), refer Section 8.
Clean-up Methods - Large Spillages	Wear eye protection, gloves, boots and overalls.

7. Handling and storage

Precautions for Safe Handling	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.
Conditions for safe storage, including any incompatabilities	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.
Other Information	Always read the label and any attached leaflet before use.

8. Exposure controls/personal protection

Occupational exposure limit values	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/m3, STEL 50 ppm or 91 mg/m3.
Appropriate engineering controls	Handle in well ventilated areas, generally natural ventilation is adequate.
Personal Protective Equipment	It is good practice to wear suitable personal protective equipment (PPE). Recommended safety equipment is: Plastic or rubber gloves.
Hygiene Measures	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

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

10. Stability and reactivity

Chemical Stability	Stable under normal conditions.
Hazardous Polymerization	Hazardous polymerisation is not possible.

11. Toxicological Information

Acute Toxicity - Oral	The following data is for the active ingredient, metaldehyde. LD50 (rat) 283 mg/kg
Acute Toxicity - Dermal	LD50 (rat) >5,000 mg/kg
Acute Toxicity - Inhalation	LC50 (rat) (4hr) >15 mg/l

Ingestion	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.
Inhalation	May cause irritation to the respiratory tract if dusts are inhaled.
Skin	May irritate the skin.
Eye	Dusts may cause slight irritation to the eyes.
Skin Sensitisation	Product is not a skin sensitiser.
Chronic Effects	Based on available data, repeated exposures are not anticipated to cause additional significant adverse effects.
Serious eye damage/irritation	Mild eye irritant.
Skin corrosion/irritation	Mild skin irritant.
Other 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: Aust Govt Dept. of Health, Office of Chemical Safety, 'ADI List', December 2015).

12. Ecological information

Other Precautions	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.
Acute Toxicity - Fish	The following is data for the active ingredient, metaldehyde. Not toxic to fish. LC50 (96 hr) for rainbow trout is 75 mg/l.
Acute Toxicity - Daphnia	EC50 (48hr) for daphnia is >90 mg/l for metaldehyde.
Acute Toxicity - Algae	LC50 (72hr) for Desmodesmus subspicatus is >200mg/l for metaldehyde
Acute Toxicity - Other Organisms	LD50 for quail is 170 mg/kg Not toxic to bees

13. Disposal considerations

Product Disposal	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®).
Container Disposal	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

Storage and Transport	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).

15. Regulatory information

Regulatory Information	Australia: WHS regulations (2011) - Schedule 11: classification not listed.
Poisons Schedule	S5
Packaging & Labelling	CAUTION KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING

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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	Revised 07/07/2016. This SDS replaces document dated May 2016.
Contact Person/Point	Normal Hours: Mrs Kathleen Marsh Phone: +61 3 9282 1000 After Hours: Shift Supervisor Phone: 1800 033 498
Revisions Highlighted	The MSDS was reviewed. Minor changes were made to the information.

...End Of MSDS...

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