

**1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

Product Name:	Delicia® SLUGGOFF® Lentils
Recommended use of the chemical and restrictions on use:	For the control of snails and slugs. To be used in accordance with label instructions and the relevant state of territory government department legislation.
Supplier:	Animal Control Technologies (Australia) Pty Ltd
ABN:	25 137 868 449
Street Address:	46-50 Freight Drive Somerton Vic 3062, Australia
Telephone No:	+61 3 9308 9688 (Monday to Friday, 8:00a.m. – 5:00p.m. EST)
Fax:	+ 61 3 9308 9622
Email:	enquiries@animalcontrol.com.au
Emergency Telephone:	Poisons Information Centre 13 11 26 (24 hours)

2. HAZARDS IDENTIFICATION

Classification of the substance mixture:	Not classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia. Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition).
---	--

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion (w/w)
Metaldehyde	108-62-3	3%
Other components are not considered hazardous in this formulation and therefore are not required to be disclosed according to the WHS Regulations.		

4. FIRST AID MEASURES

If poisoning occurs, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor. Have this MSDS or the label with you.

Inhalation:	There is no inhalation risk with this product, Bring affected person to fresh air.
Skin Contact:	Remove contaminated clothing. Rinse and wash skin with soapy water. Seek medical attention if irritation develops or persists.
Eye Contact:	If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.
Ingestion:	Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water. Seek medical advice.
First Aid Facilities:	Eyewash and normal washroom facilities.
Indication of immediate medical attention and special treatment needed:	Not applicable.



5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:	Not combustible, however, if material is involved in a fire use: Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder).
Specific hazards arising from the substance or mixture:	Non- combustible material.
Special protective equipment and precautions for fire-fighters:	Fire fighters should wear a respirator with an Air Purifying filter and suitable protective clothing to prevent risk of exposure to products of decomposition.

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures/ Environmental precautions:	Clear area of all unprotected personnel. If contamination of sewers or waterways has occurred advise local emergency services.
Personal precautions/ Protective equipment:	Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact. Work up wind or increase ventilation.
Methods and materials for containment and cleaning up:	Contain - prevent run off into drains and waterways. While wearing protective equipment, sweep-up spilt bait. Collect and seal in properly labelled containers or drums for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling:	Keep containers closed at all times - check regularly for leaks or spills. Transport and store upright. To avoid risks to people and environment the instructions for use are to be followed. Avoid all contact with the product and wear protective clothing and gloves while handling bait. Keep out of reach of children. Do not eat, drink or smoke in contaminated areas. Always remove contaminated clothing and wash hands before eating, drinking, smoking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Apply in inhabited areas only if domestic animals can be kept away. Do not apply in heaps.
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. Keep working dogs and pets away from baits as they are highly susceptible to the poison and may eat the baits.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters:	No value assigned for this specific material by Safe Work Australia.
Appropriate engineering controls:	Use in well ventilated areas. Keep containers closed when not in use.
Individual protection measures, such as Personal Protective Equipment (PPE):	The selection of PPE is dependent on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors. Observe good standards of hygiene and cleanliness. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.
Respiratory Protection:	A respirator is not needed under normal and intended conditions of product use however if ventilation is not adequate then a respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.
Eye and Face protection:	Safety glasses/goggles with side shield protection may be worn as a general precaution. Consult AS/NZS 1336 and AS/NZS 1337 for further information.
Skin Protection:	PVC or nitrile rubber gloves may be worn as a general precaution. Always check with the glove manufacturer or your personal protective equipment



supplier regarding the correct type of glove to use. Consult AS/NZS 2161 for further information.

Trousers, long sleeved shirt and closed in shoes or safety footwear may also be worn as a general precaution. Consult AS/NZS 2210 and AS/NZS 2919 for further information.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	2 – 4 mm green lentils
Colour:	Green
Odour:	Organic
pH:	5.3
Bulk Density g/cc:	0.65 – 0.68 kg/l
Melting Point/Freezing Point:	No information available.
Boiling Point/range:	No information available.
Flash Point:	Not flammable
Evaporation Point:	No information available
Vapour Pressure:	No information available
Vapour Density:	No information available
Solubility:	Nearly insoluble
Partition coefficient: n- octanol/water	No information available
Auto-ignition Temperature:	Not relevant
Decomposition Temperature:	No information available
Viscosity:	Not relevant

10. STABILITY AND REACTIVITY

Reactivity:	Non-reactive under normal condition.
Chemical stability:	Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Possibility of hazardous reactions:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid:	None known.
Incompatible materials:	None known.
Hazardous decomposition products:	Acetaldehyde.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	LD50 (Rat, oral) > 2,000mg/kg body weight. Studies using 98% pure metaldehyde have found no evidence of sensitisation, chromosomal aberration or mutation.
Ingestion:	Available information indicates that it is not considered a risk from oral exposures.
Inhalation:	Available information indicates that it is not considered an inhalation risk.
Skin:	Not considered a skin irritant however as a general precaution, avoid contact with skin.
Eye:	Not considered an eye irritant however as a general precaution, avoid contact with eyes.
Respiratory or skin sensitisation:	Not a skin sensitiser and not expected to be a respiratory sensitiser.
Germ cell mutagenicity:	Not considered to be a mutagenic hazard.
Carcinogenicity:	Not considered to be a carcinogenic.
Reproductive toxicity:	Not considered to be toxic to reproduction.
STOT-single exposure:	Not expected to cause toxicity to a specific target organ.
STOT-repeated exposure:	Not expected to cause toxicity to a specific target organ.



Aspiration hazard: Not expected to be an aspiration hazard.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Avoid contaminating waterways. Under normal and intended conditions of use, the product does not present an ecotoxicity hazard to fish, bees or earthworms.

Persistence/degradability: The product is biologically degradable.

Bioaccumulative potential: No information available.

Mobility in Soil: No information available.

13. DISPOSAL CONSIDERATIONS

Disposal methods: Before disposal ensure container is completely empty by shaking. Puncture and bury containers in a local authority landfill. If no landfill is available bury the containers below 500mm in a disposal pit specially marked for this purpose, clear of waterways, desirable vegetation and roots. Empty containers and product should not be burnt.

14. TRANSPORT INFORMATION

Road and Rail Transport: Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

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

Poison Schedule (SUSMP): 6

APVMA Approval No.: 60931

AICS: All the constituents of this material are either listed on the Australian Inventory of Chemical Substances (AICS), not required due to the nature of the chemical, or have been assessed under the National Industrial Chemicals (Notification and Assessment) Act 1989 as amended.

16. OTHER INFORMATION

GENERAL INFORMATION: None

ISSUE NUMBER: 002

ISSUE DATE: 4 July 2016

In any event, the review and, if necessary, the re-issue of an SDS shall be no longer than 5 years after the last date of issue.

Reason(s) for Issue: Second Issue.
Revised Primary SDS and updated to GHS requirements.

LITERARY REFERENCE: ADG Code - Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition)
AICS - Australian Inventory of Chemical Substances
APVMA – Agricultural Pesticides and Veterinary Medicines Australia



Safety Data Sheet: Delicia® SLUGGOFF® Lentils

Date of Issue: 4 July 2016

GHS - Globally Harmonised System of Classification and Labelling of Chemicals (3rd revised edition) 2009

IARC - International Agency for Research on Cancer

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice (December 2011)

SUSMP - Standard for the Uniform Scheduling of Medicines & Poisons

SWA - Safe Work Australia, formerly ASCC and NOHSC

TGA – Therapeutic Goods Australia

WHS – Workplace Health and Safety

The physical values and properties described in this MSDS are typical values based on scientific literature and material produced to date, and are believed to be reliable. Animal Control Technologies provides no warranties, either expressed or implied and assumes no responsibility for the accuracy or completeness of the data contained herein. The information is supplied upon the condition that the persons receiving information will make their own determination as to the suitability for their purposes prior to use of this product. Due care should be taken to ensure that the use of this product and its disposal is in compliance with all relevant Federal, State and Local Government regulations.

End of SDS