

SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER:

Product Name:	Garden Basics Slug & Snail Pellets
Recommended Use:	For the control of slugs & snails around vegetable, flower and ornamental plants in the home garden.
Supplier Address:	Evergreen Garden Care New Zealand Limited, Truman Lane, Mount Maunganui, New Zealand
Telephone Number:	+64 7 5752160
Emergency Telephone Numbers:	0800 CHEMCALL (0800 243 622) 24 hours 0800 POISON (0800 764 766) National Poisons Centre 111 – New Zealand Fire Service
Date of Preparation:	February 2020

2. HAZARDS IDENTIFICATION:

Dangerous Goods:	Not classified as a Dangerous Good according to NZS 5433:2012 Transport of Dangerous Goods on Land.
Hazardous Substance (HSNO):	Classified as hazardous according to criteria in the HS (Minimum Degree of Hazard) Regulations 2001.
HSNO Hazard Classifications:	6.8B, 6.9B, 9.1D.



Signal Word:	Warning
Hazard Statements:	Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. Harmful to aquatic life.
Prevention Statements:	Read label before use. Read Safety Data Sheet before use. Obtain special instructions before use. Do not handle until all safety instructions have been read and understood. Use personal protective equipment as required. Do not breathe dust/fume/mist/vapours/spray. Wash hands, arms and face thoroughly after handling.
Response Statements:	If exposed or concerned: Get medical advice/attention. Get medical advice/attention if you feel unwell.
Storage Statements:	Store locked up.

3. COMPOSITION/INFORMATION ON INGREDIENTS:

COMPONENT	CONCENTRATION	CAS NUMBER
Metaldehyde	15g/kg	108-62-3
Other non-hazardous components	To 100%	

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4. FIRST AID MEASURES:

For advice, contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor/physician.

Inhalation:	Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or doctor/physician if you feel unwell.
Ingestion:	If swallowed, Do NOT induce vomiting. Rinse mouth. Seek medical attention.
Eye Contact:	If in eyes, hold eyelids apart and immediately flush with cold water. Continue for at least 15 minutes. Contact a doctor.
Skin Contact:	If on skin, wash the skin well with plenty of water and soap whilst removing contaminated clothing. If skin irritation occurs seek medical advice. Wash contaminated clothing before re-use.
Notes to Physician:	Treat symptomatically.

5. FIRE FIGHTING MEASURES:

Suitable Extinguishing Media:	If material is involved in a fire use: Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder).
Precautions for fire fighters and special protective clothing:	Fire fighters to wear self-contained breathing apparatus and suitable protective clothing.
Hazards from combustion products:	Will emit toxic fumes under fire conditions. Do not allow contaminated run-off to enter drains.

6. ACCIDENTAL RELEASE MEASURES:

Emergency Procedures:	Isolate area. Keep unnecessary and unprotected personnel from entering the area. If contamination of sewers or waterways has occurred advise local emergency services.
Personal Precautions, Protective Equipment and Emergency Procedures:	Refer to SDS section 7 for handling and precautionary measures. Refer to SDS section 8 for additional information and personal protection equipment to prevent contamination of skin, eyes and personal clothing.
Environmental Precautions:	Contain - prevent from entering into soil, ditches, sewers, waterways and/or groundwater.
Methods and Materials for Containment and Clean up:	Collect spilled product and place in properly labelled sealable container for disposal. If contamination of sewers or waterways has occurred advise local emergency services.

7. HANDLING & STORAGE:
Precautions for safe handling and storage:

Handling:	Keep out of reach of children. Avoid contact during pregnancy. Avoid skin and eye contact and breathing in dust. After work, remove protective clothing and equipment, wash hands before eating, drinking, and chewing gum, using tobacco or using the toilet. Clean up spilled material immediately and wash clothing, equipment and work area after use.
Storage:	Store locked up. Store in the closed, original container in a cool, dry, well-ventilated area out of direct sunlight. Store away from children, animals, food, feedstuffs, drink containers, fertilisers and seeds. Keep containers closed when not in use and check regularly for spills.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

Occupational Exposure Limits:	No ADE, PDE or TEL values are set by EPA for this substance at this time. No WES values are set by EPA for this substance at this time.
Engineering Controls:	Good general ventilation should be sufficient for most conditions. Keep containers closed when not in use.
Personal Protective Equipment:	Avoid contact with eyes, skin and breathing in dust. Respiratory Protection: Use with adequate ventilation and avoid breathing dust. Skin protection: Avoid skin contact. Wash hands and exposed skin thoroughly after use. Eye protection: Avoid eye contact.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance:	Pale green solid pellets.
Odour:	Wheaty
pH:	Not available.
Vapour Pressure (20°C):	Not available.
Relative Vapour Density (air=1):	Not available.
Boiling Point (°C):	Not available.
Freezing Point (°C):	Not available.
Solubility in water:	Insoluble in water
Specific Gravity (g/ml @ 20°C):	Not available.
Flash point (°C):	Not available.
Upper Flammability Limit:	Not available.
Lower Flammability Limit:	Not available.
Auto Ignition Temperature (°C):	Not available.

10. STABILITY and REACTIVITY:

Chemical Stability:	Stable under normal conditions of use.
Conditions to avoid:	Avoid excessive heat. Avoid exposure to moisture.
Incompatible materials:	Incompatible with oxidising agents.
Hazardous decomposition products:	Oxides of carbon in fire conditions.
Hazardous Reactions:	None known.

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Potential Health Effects: This section includes possible adverse effects, which could occur if the product is not handled in the recommended manner.

Eye Contact: May be an eye irritant.

Skin Contact: Repeated or prolonged skin contact may lead to irritation.
No Dermal LD₅₀ data available for the product. However for constituents: Dermal LD₅₀ for rats >5000 mg/kg for Metaldehyde ⁽¹⁾.

Ingestion: Swallowing can result in abdominal cramps, nausea, vomiting, salivation, facial flushing and fever. Larger exposure may result in drowsiness, irritability, lack of muscular co-ordination and tremor.
No Oral LD₅₀ data available for the product. However for constituents: Oral LD₅₀ for rats 283 mg/kg for Metaldehyde ⁽¹⁾.

Inhalation: Breathing in dust may result in respiratory irritation.

Long Term Effects: Evidence indicates that repeated or prolonged exposure could result in effects on the liver, gastrointestinal system and reproductive system. May cause harm to the unborn child.

12. ECOLOGICAL INFORMATION:

Ecotoxicity: Garden Basics Slug & Snail Pellets must not be applied onto or into water. Avoid contamination of natural waterways and fishponds. Keep children, pets, wildlife and birds off treated areas.

Harmful to aquatic life.

No EEL is set for this substance at this time.

Based on information for Metaldehyde⁽¹⁾:

96hr LC₅₀ (Rainbow Trout) = 75 mg/l

48hr EC₅₀ (Daphnia Magna) > 90 mg/l

13. DISPOSAL CONSIDERATIONS:

Disposal methods: Dispose of this product by using in accordance with the product label directions or at an approved landfill.
Do not dispose of this product down drains or sewers.
Container disposal – clean out packaging, puncture and dispose of at an approved landfill.
If wastes and/or packaging cannot be disposed of according to the product label directions, disposal of this material must be in accordance with your local area regulatory authorities following all applicable regional, national and local laws and regulations. Some local authorities offer hazardous waste collection, contact your local council for details.

14. TRANSPORT INFORMATION:

Not classified as a Dangerous Good according to NZS 5433:2012 Transport of Dangerous Goods on Land.

Not classified as a Dangerous Good by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

Not classified as a Dangerous Good by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.

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EPA New Zealand Approval Code: HSR000142.

16. OTHER INFORMATION:

Date of preparation of SDS: February 2020.

Abbreviations in SDS:

ADE: Acceptable daily exposure values set by EPA.
EEL: Environmental exposure standard set by EPA.
EC₅₀: Concentration required to produce an effect in 50% of organisms.
EPA: The Environmental Protection Authority of New Zealand.
LC₅₀: Lethal Concentration 50%. A concentration of chemical in air or water that will kill 50% of the test organisms.
LD₅₀: Lethal Dose-50%. The doses of a chemical that will kill 50% of the test animals receiving it.
PDE: Potential daily exposure values set by EPA.
pH: A measurement of how acidic or alkaline a material is using a scale of 1 - 14. pH 1 is strongly acidic, pH 14 is strongly alkaline.
TEL: Tolerable exposure limit set by EPA.
WES: Work place exposure standard set by EPA or NZ Dept. of Labour Health & Safety.

References:(1) The Pesticide Manual 13th edition. Ed CDS Tomlin. British Crop Protection Society, 2003.**DISCLAIMER:**

This product must be used strictly as directed. To the maximum extent permitted by law Evergreen Garden Care New Zealand Limited, its officers, employees, agents, distributors and retailers shall have no liability to any purchaser or user of this product, or any other person, for any loss, damage or injury (including personal injury) arising out of the use or storage of this product otherwise than in accordance with the directions for use and storage.

----- End of SDS -----