



Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH)

Trade name: Eraza Slug and Snail killer

Version:1.0

Revision date:6.2.2018

Print date: 6.2.2018

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

1.1 Product Eraza Slug & Snail Killer

1.2 Relevant identified uses Molluscicide

1.3 Supplier Westland Horticulture Ltd
14 Granville Industrial Estate
Granville Road
Dungannon
County Tyrone
BT70 1NJ

Email customerservice@WestlandHorticulture.com

1.4 Emergency Telephone Number 01480 443789 (UK) 24hrs

2. HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture According to Regulation (EC) No 1272/2008:

Not classified

2.2 Label Elements According to Regulation (EC) No 1272/2008:

Hazard Pictograms None

Signal Word None

Hazard Statements None

Precautionary Statements
P102 Keep out of reach of children

Supplemental Information
EUH401 To avoid risks to human health and the environment, comply with the instructions for use.

Supplemental Label Elements:

- Wear Suitable protective clothing (coveralls), and suitable protective gloves when handling the product, applying by hand or hand-held equipment and handling contaminated surfaces.
- Wash hands before meals and after work.
- When using do not eat drink or smoke.



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- Keep out of reach of children.
- Keep away from food, drink or animal feeding stuffs.
- Keep poultry out of treated areas for at least 7 days after treatment.
- Dangerous to game, wild birds and animals. Bury or remove spillages.
- Do not contaminate surface waters or ditches with chemical or used container.
- Keep in original container, tightly closed in a safe place.
- Empty container completely and dispose of safely.
- Store in a dry place



3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances: N/A

3.2 Mixtures

Description Slug and snail killer containing 1.5% w/w metaldehyde formulated as a pelleted bait

Hazardous Ingredients

Ingredient	Identifiers	Concentration %W/W	Warning Symbols	Regulation (EC) No 1272/2008 (CLP)
Metaldehyde	EC: 203-600-2 CAS: 108-62-3	1.5 % W/W	 	Flam. Sol. 2, H228 Acute Tox. 4, H302

For the full text of the S phrases and EUH Statements mentioned in this section, see section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General information: Have the product container, label or Material Safety Data Sheet with you when calling a poison control center or physician, or going for treatment.

Inhalation: Move person to fresh air.
Keep patient warm and at rest.

Skin Contact: Wash off immediately with plenty of water.
If skin irritation develops and persists get medical attention
Wash contaminated clothing before re-use.



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Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses and continue flushing. Get medical attention if irritation develops and persists

Ingestion: Do NOT induce vomiting unless directed to do so by a doctor or poison control centre. Rinse out mouth and give water in small sips to drink. If swallowed seek medical advice and show container or label

4.2 Most Important Symptoms and Effects, both Acute and Delayed:

Local: slight irritation, constriction of pupils

Systemic: salivation, vomiting, abdominal pain, headache, somnolence, hyperthermia

4.3 Indication of any immediate medical attention and special treatment needed

There is no specific antidote available

Treat symptomatically

In case of ingestion gastric lavage should be considered in case of significantly ingestions only within the first two hours

5. FIRE FIGHTING MEASURES

5.1 Extinguishing Media:

Extinguishing media – small fires: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide

Extinguishing media – large fires: Alcohol resistant foam or Water spray

Unsuitable Extinguishing Media :

Do not use a solid water stream as it may scatter and spread fire.

5.2 Specific Hazards Arising From the Substance Or Mixture:

As the product contains combustible organic components, fire will produce dense black smoke containing hazardous products of combustion (see section 10).

Exposure to decomposition products may be a hazard to health

5.3 Advice for Fire Fighters:

Wear full protective clothing and self-contained breathing apparatus.



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Additional Information:

Do not allow run-off from fire fighting to enter drains or water courses.
Cool closed containers exposed to fire with water spray.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Avoid formation / breathing of dust
Avoid contact with skin and eyes
Ensure adequate ventilation

6.2 Environmental Precautions:

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers

6.3 Methods and Materials for Containment and Cleaning Up:

Vacuum or sweep up material.
Place into suitable labelled containers for disposal according to local / national regulations
Clean floors and contaminated objects with plenty of water

6.4 Reference to other sections:

See Section 8 for information on personal protection equipment
See Section 13 for disposal information

Additional Advice: If large quantities of the product contaminates water courses or drains (including via contaminated soil & vegetation), inform respective authorities.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Handling:

- No special protective measures against fire required
- Avoid dust formation, ensure adequate ventilation
- Avoid contact with skin and eyes
- When using do not eat, drink or smoke
- Wash hands immediately after use and always before eating, drinking, smoking or using the toilet
- For personal protection see Section 8



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7.2 Conditions for safe storage, including any incompatibilities

Storage:

- Keep containers closed tightly in a dry, cool and well-ventilated place.
- Keep out of reach of children
- Keep away from food, drink and animal feeding stuffs
- Keep away from direct sunlight

7.3 Specific End Uses:

Use only as slug and snail killer according to the instruction on the label

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters Not known

8.1.1 Occupational exposure limits: N/A

8.1.2 Biological limit values: N/A

8.1.3 Exposure limits at intended use: N/A

8.1.4 DNEL/PNEC-values: N/A

8.1.5 Risk management measures according to used control banding approach: N/A

8.2 Exposure Controls

Engineering Measures: Containment and/or segregation is the most reliable technical protection measure if exposure cannot be eliminated.
The extent of these protection measures depends on the actual risks in use.
If airborne dust is generated, use local exhaust ventilation controls.
Assess exposure and use any additional measures to keep airborne levels below any relevant exposure limit.
Where necessary, seek additional occupational hygiene advice.

Protective Measures: The use of technical measures should always have priority over the use of personal protective equipment
When selecting personal protective equipment, seek appropriate professional advice
Personal protective equipment should be certified to appropriate standards



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Respiratory Protection: No personal respiratory protective equipment normally required.
If there is a potential for excessive exposure, a particulate filter mask may be necessary until effective technical measures are installed.

Hand Protection: Chemical resistant gloves are not usually required.
If there is a potential for excessive exposure, wear nitrile rubber gloves (minimum thickness 0.4mm). Wash when contaminated and dispose of when contaminated inside or perforated

Eye Protection: Eye protection is not usually required
If there is a potential for excessive exposure, wear goggles

Skin and Body Protection: No special protective equipment required
Select skin and body protection based on the physical job requirements
If there is a potential for excessive exposure, consider a higher protective type suit

8.2.3 Environmental exposure controls: N/A

Consumer exposure control: N/A

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: blue/green pellets

Physical state: solid pellets

Colour: blue/green

Odour: Characteristic

Odour threshold: N/A



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9.2 Other information:

	Value	Concentration	Method	Temperature	Pressure	Remark
pH	5.0-7.5	1.0% w/v	-	20°C	-	-
Melting point/freezing point	-	-	-	-	-	-
Initial boiling point/boiling range	-	-	-	-	-	-
Flash point	-	-	-	-	-	-
Evaporation rate	-	-	-	-	-	-
Flammability (solid, gas)	-	-	-	-	-	-
Upper/lower flammability or explosive limits	-	-	-	-	-	-
Upper explosive limits	-	-	-	-	-	-
Lower explosive limits	-	-	-	-	-	-
Vapour pressure	-	-	-	-	-	-
Vapour density	-	-	-	-	-	-
Relative density	0.70g/ml	-	-	-	-	-
Solubility(ies)	low	-	-	-	-	-
Partition coefficient: n-octanol/water	-	-	-	-	-	-
Auto-ignition temperature	-	-	-	-	-	-
Decomposition temperature	-	-	-	-	-	-
Viscosity	-	-	-	-	-	-
Viscosity, dynamic	-	-	-	-	-	-
Viscosity, cinematic	-	-	-	-	-	-
Explosive properties	-	-	-	-	-	-
Oxidising properties	-	-	-	-	-	-

Physical hazards:

Flammable and spray aerosols Testing is not required for foam or spray aerosols.

Flammable and oxidising solids Testing is not required

Assessment / Classification: N/A



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10. STABILITY AND REACTIVITY

10.1 Reactivity: This product is stable under normal conditions of storage and use

10.2 Chemical Stability: This product is stable under normal conditions of storage and use

10.3 Possibility of Hazardous Reactions: None known. Hazardous polymerization does not occur.

10.4 Conditions To Avoid: Extremes of temperature and direct sunlight

10.5 Incompatible materials: None known

10.6 Hazardous Decomposition: Combustion or thermal decomposition will evolve toxic or irritant vapours

11. TOXICOLOGICAL INFORMATION

SECTION 11: Toxicological Information

Toxicokinetics, metabolism and distribution

11.1 Information on toxicological effects

11.1.1 Substances N/A

11.1.2 Mixtures N/A

The toxicological data has been taken from products of similar composition

Acute Oral Toxicity: LD50 Median lethal dose rat, >5,000 mg/kg

Acute Inhalation Toxicity: LC50 Median lethal concentration Rat, >5.0 mg/l, 4h

Acute Dermal Toxicity: LD50 Median lethal dose Rat, >2,000 mg/kg

Skin Corrosion/ Irritation: Rabbit: Not Irritating

Eye Damage/Irritation: Rabbit: Not Irritating

Respiratory or Skin Sensitization: No information available.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Metaldehyde did not show mutagenic, carcinogenic, genotoxic or reproductive toxicity effects in animal experiments.



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Other information: No adverse effect has been observed in chronic toxicity tests with metaldehyde

12. ECOLOGICAL INFORMATION

The toxicity data is related to the active ingredient metaldehyde

12.1 Toxicity

Aquatic Toxicity: Metaldehyde: LC50 Oncorhynchus mykiss (rainbow trout), 75 mg/l, 96h

Toxicity To Aquatic Invertebrates: Metaldehyde: EC50 Daphnia magna (water flea), >90 mg/l 48h

Toxicity to Aquatic Plants: Metaldehyde: EC50 Desmodium subspicatus, >200 mg/l, 72h

Sediment toxicity: N/A

Terrestrial toxicity: N/A

Toxicity to soil macro-organisms except arthropods: N/A

Toxicity to terrestrial arthropods: Dangerous to game, wild birds and animals

Toxicity to terrestrial plants: N/A

Toxicity to birds: Dangerous to game, wild birds and animals

Assessment / Classification: Harmful to aquatic organisms.

12.2 Persistence and Degradability

Biodegradation: Metaldehyde not rapidly biodegradable. Koc 60.4

12.3 Bioaccumulative Potential: Metaldehyde does not bioaccumulate. Bioconcentration factor (BCF)11.
Low bioaccumulation potential

12.4 Mobility in Soil: Metaldehyde is mobile in soil

12.5 Results of PBT and vPvB assessment: Metaldehyde is not identified as PBT nor vPvB substance

12.6 Other adverse effects: None



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13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product: Do not contaminate ponds, waterways or ditches with chemical or used container.
Do not dispose of waste into sewer.
Where possible recycling is preferred to disposal or incineration.
If recycling is not practicable, dispose of in compliance with local regulations.

Contaminated Packaging: Empty remaining contents.
Completely empty containers can be put in the bin or disposed of in compliance with applicable local regulations.
Do not reuse empty containers.

14. TRANSPORT INFORMATION

	Land transport (ADR/RID)	Inland waterway transport (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1 UN No.	Not dangerous goods	Not dangerous goods	Not dangerous goods	Not dangerous goods
14.2 UN Proper shipping name	Not dangerous goods	Not dangerous goods	Not dangerous goods	Not dangerous goods
14.3 Transport hazard class(es)	Not dangerous goods	Not dangerous goods	Not dangerous goods	Not dangerous goods
Hazard label(s)	Not dangerous goods	Not dangerous goods	Not dangerous goods	Not dangerous goods
14.4 Packing group	Not dangerous goods	Not dangerous goods	Not dangerous goods	Not dangerous goods
14.5 Environmental hazards	Not dangerous goods	Not dangerous goods	Not dangerous goods	Not dangerous goods

14.6 Special precautions for user : None

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code



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Additional information; None

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1 EU regulations

Registration Numbers: MAPP 14627

Safety, health and environmental regulations/legislation specific for the substance of mixture:

This mixture is classified and labelled according to the CLP Regulation (EC) No 1272/2008

Contains: Metaldehyde

15.2 Chemical Safety Assessment: A Chemical Safety Assessment is not required for this mixture

16. OTHER INFORMATION

16.1 Indication of changes

16.2 Abbreviations and Acronyms

ADR	International Carriage of Dangerous Goods by Road
CAS No	Chemicals Abstract Service Registry Number
Directive 67/548/EEC	Dangerous Substances Directive (DSD)
EC No	European Community Number for chemicals within EU regulations
IATA-DGR	Dangerous Goods Regulations by the International Air Transport Association
IMDG Code	International Maritime Dangerous Goods Code



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MAPP	Ministerially Approved Pesticide Product
PCS	Pesticide Control Service
PBT	Persistent, Bioaccumulative and Toxic Properties
Regulation (EC) No 1272/2008	Classification, Labelling and Packaging (CLP)
RID	International Transport of Dangerous Goods by Rail
vPvB	Very Persistent and Very Bioaccumulative Properties

16.3 Key literature references and sources for data – unknown

16.4 Full text of Classifications

CLP/GHS: Flam. Sol. 2; Flammable solid, Category 2
Aquatic Tox 3; Aquatic Toxicity, Category 3

16.5 Full texts of abbreviated H Statements referred to under Section 3:

H228 Flammable solid
H301 Toxic if swallowed

16.6 Recommended uses and restrictions: Follow the instructions

Further information

Before using this product, ensure that you read and understand its label

MSDS information:

This Safety Data Sheet is prepared in compliance with Directive 1999/45/EC, 1272/2008 and Annex I of the REACH regulation 453/2010.

This safety data sheet provides health and safety information. This product is to be used in applications with best use practice. Individuals handling this product should be informed under COSHH of the recommended safety precautions and should have access to this information. The product information in this data sheet is to the best of our knowledge correct as at the date of publication. Westland Horticulture Limited does not accept responsibility for damage caused by incorrect use of this information.

Training and related advice:

This document contains important information to ensure the safe storage, handling and use of this product. It is the responsibility of your organisation to ensure that the information contained in this document is communicated to the end user and that all necessary training to enable the product to be used correctly has been given.

For further information please contact Westland Horticulture Ltd, 14 Granville Industrial Estate, Granville Road, Dungannon, County Tyrone, BT70 1NJ.