



SAFETY DATA SHEET

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

Product	Eraza Slug & Snail Killer
Usage	Molluscicide
Manufacturer	Westland Horticulture Ltd 14 Granville Industrial Estate Granville Road Dungannon County Tyrone BT70 1NJ
Email	customerservice@WestlandHorticulture.com
Emergency Tel	01480 443789 (UK)

2. HAZARDS IDENTIFICATION

Classification of the Substance or Mixture According to Regulation (EC) No 1272/2008:
Not classified

Classification of the Substance or Mixture According to Directive 67/548/EEC or Directive 1999/45/EC:
Not classified

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.

Label Elements According to Directive 67/548/EEC or Directive 1999/45/EC:

Hazard Pictograms None

R- Phrases None

S- Phrases None


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.
- 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

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	Directive 67/548/EEC	Regulation (EC) No 1272/2008 (CLP)
Metaldehyde	EC: 203-600-2 CAS: 108-62-3	1.5 % W/W		F; R11 Xn; R10, R22	Flam. Sol. 2, H228 Acute Tox. 3, H301

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

4. FIRST AID MEASURES

General Advice: 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.

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

Most Important Symptoms and Effects, both Acute and Delayed:

Local: slight irritation, constriction of pupils

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

Treatment (Medical Advice):

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

Suitable 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

Extinguishing Media Which Must Not Be Used For Safety Reasons:

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

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

Special Protective Equipment for Fire Fighters:

Wear full protective clothing and self-contained breathing apparatus.

Further 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

Personal Precautions, Protective Equipment and Emergency Procedures:

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

Environmental Precautions:

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

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

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

Reference to other sections:

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

7. HANDLING AND STORAGE

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

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

Specific End Uses:

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



8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters Not known

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

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Blue/green pellets

Oddour: Characteristic

Other Properties:

	Value	Temperature
pH	5.0 – 7.5 at 1.0% w/v	
Density	0.70 g/ml	
Solubility	Low	



10. STABILITY AND REACTIVITY

- Stability:** This product is stable under normal conditions of storage and use
- Hazardous Decomposition:** Combustion or thermal decomposition will evolve toxic or irritant vapours
- Hazardous Reactions:** None known. Hazardous polymerization does not occur.
- Conditions To Avoid:** Extremes of temperature and direct sunlight

11. TOXICOLOGICAL INFORMATION

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 Irritation:** Rabbit: Not Irritating
- Serious Eye Irritation:** Rabbit: Not Irritating
- Respiratory or Skin Sensitization:** No information available.
- Long Term Toxicity:** Metaldehyde did not show mutagenic, carcinogenic, genotoxic or reproductive toxicity effects in animal experiments.
- STOT- repeated exposure:** 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

Toxicity

- **Toxicity To Fish:** 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 *Desmodosmus subspicatus*, >200 mg/l, 72h
- **Other:** Dangerous to game, wild birds and animals



Persistence and Degradability

- **Biodegradability:** Metaldehyde not rapidly biodegradable. Koc 60.4

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

Mobility in Soil: Metaldehyde is mobile in soil

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

13. DISPOSAL CONSIDERATIONS

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) Not dangerous goods

Sea Transport (IMDG) Not dangerous goods

Air Transport (IATA-DGR) Not dangerous goods

None special precautions for user

15. REGULATORY INFORMATION

Registration Numbers: MAPP 14627
PCS 04585

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

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



16. OTHER INFORMATION

Recommended uses and restrictions: Follow the instructions

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

H228 Flammable solid
H301 Toxic if swallowed

Full text of R Phrases referred to under Section 3:

R11 Highly flammable
R22 Harmful if swallowed

Full text of Classifications

- **CLP/GHS:** Flam. Sol. 2; Flammable solid, Category 2
Aquatic Tox 3; Aquatic Toxicity, Category 3
- **DSD/DPD:** F; Flammable
Xn; Harmful

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
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



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.