



Safety Data Sheet

According to Regulation (EC) No 453/2010 (REACH)

Trade name: Growing Success Slug killer Advanced

MAPP 17671
PCS 05432

Version: 2.0

Revision date: 28.01.2021

Print date:28.01.2021

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

1.1 Product Identifier: Growing Success Slug Killer Advanced MAPP 17671 PCS 05432

1.2 Relevant Identified Uses of the Mixture: Slug and Snail Killer

1.3 Details of the Supplier of the Safety Data Sheet

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

Email customerservice@Westland.com

1.4 Emergency Telephone Number 01480 443789 (UK) 24 hrs

2. HAZARDS IDENTIFICATION

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

The mixture does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008

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



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Other information:

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

SP1 Do not contaminate water with the product or its container

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance N/A

3.2 Mixtures

Description Slug and snail bait granules with 8.1 g/kg Ferric (III) Phosphate

Hazardous Ingredients contains no hazardous ingredients

This mixture does not contain further substances fulfilling the criteria of hazard class "acute toxicity" according to CLP regulation

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.
Remove any clothing soiled by the product

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

Skin Contact: Wash off with plenty of soap and water.

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Remove contact lenses and continue flushing.
Seek medical attention if symptoms persist or develop

Ingestion: Rinse out mouth and then drink plenty of water or milk.

Self-protection of the first aider: wear protective gloves (Nitrile or vinyl)



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4.2 Most important symptoms and effects, both acute and delayed

Symptoms: None

Effects: None

4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor: None

Special treatment:: None

Treatment (Medical Advice): Symptomatic treatment

5. FIRE FIGHTING MEASURES

5.1 Extinguishing Media:

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Specific Hazards Arising From the Substance or Mixture:

No information available

5.3 Advice for Fire Fighters:

Wear full protective clothing and self-contained breathing apparatus.
Do not inhale burn gases

Further Information: None

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

None required



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6.2 Environmental Precautions:

Do not allow to enter drainage system, surface or ground water.

6.3 Methods and Materials for Containment and Cleaning Up:

Sweep or vacuum spillages

Place into suitable labelled containers for disposal according to local / national regulations

6.4 Reference to other sections: See SECTION 16 for further information

7. HANDLING AND STORAGE

7.1 Precautions for safe handling:

- No special measures necessary if used correctly
- Avoid contact with eyes and skin
- Do not eat, drink or smoke when handling this product
- Wash hands and observe good hygiene practice after handling this product

7.2 Storage:

- Keep product in original labelled containers
- Do not store together with animal feedstuffs
- Do not store together with food
- Store in a cool and dry place

7.3 Specific End Uses:

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

8.1.1 Occupational Exposure Limits: None

8.1.2 Biological limit values; None

8.1.3 Exposure limits at intended use:



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The usual precautionary measures should be adhered to general rules for handling chemicals.

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

8.2.1 Appropriate engineering controls: Not required.

8.2.2 Personal protective equipment: Not required

Respiratory Protection: Not required. Use suitable dust respirator in case of prolonged exposure, if dust concentration is high or if a risk assessment indicates this is necessary. (Filter P3)

Hand Protection: Not required. Wear suitable gloves when handling the product over long periods. (If person suffers from dermatitis or sensitive skin or if a risk assessment indicates this is necessary).

Eye Protection: Not required. Wear eye protection when a risk assessment indicates this is necessary to avoid exposure to dust.

Skin and Body Protection: Protective work clothing

8.2.3 Environmental exposure controls:

Consumer exposure control: None expected

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: Light blue coarse pellets

Physical state: solid

Colour: light blue

Odour: odourless

Odour threshold: none



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9.2 Other information:

	Value	Concentration	Method	Temperature	Pressure	Remark
pH	No data	No data	No data	No data	No data	No data
Melting point/freezing point	No data	No data	No data	No data	No data	No data
Initial boiling point/boiling range	No data	No data	No data	No data	No data	No data
Flash point	No data	No data	No data	No data	No data	No data
Evaporation rate	No data	No data	No data	No data	No data	No data
Flammability (solid, gas)	No data	No data	No data	No data	No data	No data
Upper/lower flammability or explosive limits	No data	No data	No data	No data	No data	No data
Upper explosive limits	No data	No data	No data	No data	No data	No data
Lower explosive limits	No data	No data	No data	No data	No data	No data
Vapour pressure	No data	No data	No data	No data	No data	No data
Vapour density	No data	No data	No data	No data	No data	No data
Relative density	0.8kg/l	No data	No data	20°C	No data	No data
Solubility(ies)	insoluble	No data	No data	20°C	No data	No data
Partition coefficient: n-octanol/water	No data	No data	No data	No data	No data	No data
Auto-ignition temperature	No data	No data	No data	No data	No data	No data
Decomposition temperature	No data	No data	No data	No data	No data	No data
Viscosity	No data	No data	No data	No data	No data	No data
Viscosity, dynamic	No data	No data	No data	No data	No data	No data
Viscosity, cinematic	No data	No data	No data	No data	No data	No data
Explosive properties	No data	No data	No data	No data	No data	No data
Oxidising properties	none	No data	No data	No data	No data	No data

Physical hazards: None



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10. STABILITY AND REACTIVITY

10.1 Reactivity: None known

10.2 Chemical Stability: Stable under normal conditions of storage, handling and use

10.3 Hazardous Reactions: None known

10.4 Conditions to Avoid: None known

10.5 Incompatible Materials: No information available

10.6 Hazardous Decomposition: No hazardous decomposition products known

11. TOXICOLOGICAL INFORMATION

Toxicokinetics, metabolism and distribution

11.1 Information on toxicological effects

11.1.1 Substances N/A

The toxicological data has been taken from higher concentration products

Acute toxicity

Practical experience / human evidence: none

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

Other information: None

Assessment / Classification: No classification required

Skin Irritation:

Practical experience / human evidence: None

Acid-/Alkali reserve (buffer capacity for mixtures with extreme pH values)



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Acidic reserve [g NaOH/100 g product]: None

Alkaline reserve [g H₂SO₄/100 g product]: None

Animal data: no data

Assessment / Classification: No classification required as no irritant effect

In-vitro skin test: not required

Other information: no irritant effect

Assessment / Classification: no irritant effect

Eye damage/irritation

Practical experience / human evidence: no irritant effect

Animal data: no data

In vitro eye test: no data

Other information:

Assessment / Classification: No irritant effect

Sensitisation to the respiratory tract/skin

Sensitisation to the respiratory tract

Practical experience / human evidence: No sensitization effect known

Other information:

Assessment / Classification: Not classifiable due to lack of data

Skin sensitisation

Practical experience / human evidence: No sensitization effect known

Animal data: No sensitization effect known

Other information: No sensitization effect known

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Assessment / Classification:Based on available data, the classification criteria are not met.

CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)

Reproductive toxicity

Practical experience / human evidence: No mutagenic, carcinogenic, teratogenic or reproductive toxicity effects known

Animal data

Adverse effects on sexual function and fertility: None

Adverse effects on developmental toxicity: None

Effects on or via lactation: None

Other information: None

Assessment / Classification: No mutagenic, carcinogenic, teratogenic or reproductive toxicity effects known

Overall assessment on CMR properties: No mutagenic, carcinogenic, teratogenic or reproductive toxicity effects known

Aspiration hazard

Practical experience / human evidence: No data available.

Experimental data: No data available.

Assessment / Classification: Based on available data, the classification criteria are not met.

Symptoms related to the physical, chemical and toxicological characteristics:

In case of ingestion: None

In case of skin contact: None

In case of inhalation: None

In case of eye contact: None

Other information: Based on available data, the classification criteria are not met.



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12. ECOLOGICAL INFORMATION

12.1 Toxicity

Based on test results obtained from higher concentration product

Aquatic toxicity

Acute (short-term) fish toxicity: LC50 >100mg/l

Chronic (long-term) fish toxicity: No data

Acute (short-term) toxicity to crustacea:

Chronic (long-term) toxicity to crustacea

Acute (short-term) toxicity to algae and cyanobacteria: EbC50 Scenedesmus subspicatus (algae), >100 mg/l

Toxicity to other aquatic plants / organisms: Daphnia magna (water flea) EC50 >100 mg/l

Toxicity to microorganisms: No data

Sediment toxicity No information available

Terrestrial toxicity: No information available

Toxicity to soil macro-organisms except arthropods

Toxicity to terrestrial arthropods

Toxicity to terrestrial plants

Toxicity to birds

Assessment / Classification: Harmful to aquatic organisms.

12.2 Persistence and degradability

Biodegradation: No information available

Abiotic Degradation: No information available

Assessment / Classification: No information available

12.3 Bioaccumulative potential

Bioconcentration factor (BCF)

Assessment / Classification: No information available



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12.4 Mobility in soil

Assessment / Classification: No information available

12.5 Results of PBT and vPvB assessment: No information available

12.6 Other adverse effects: None

Additional ecotoxicological information Do not allow uncontrolled leakage of product into the environment

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product:

This product is not classified as hazardous waste
Where possible recycling is preferred to disposal or incineration.
If recycling is not practicable, dispose of in compliance with local regulations.
Small amounts generated in the household can be added to the domestic waste or compost

Contaminated Packaging: Empty remaining contents.
Completely empty containers can be put in the bin or disposed of in compliance with applicable local regulations

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	Not dangerous



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			goods	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: No special precautions for user

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

Additional information Not dangerous goods

15. REGULATORY INFORMATION

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

15.1.1 EU regulations

Authorisations and/or restrictions on use:

Authorisations: Registration Numbers: MAPP 17671 PCS 05432

Restrictions on use: For use only as slug bait

15.1.2 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 8.1 g/kg Ferric (III) Phosphate

15.2 Chemical Safety Assessment: No information available



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16. OTHER INFORMATION

16.1 Indication of changes: Revised and updated.

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
MAPP	Ministerially Approved Pesticide Product
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: De Sangosse (Liphatech)

16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008
[CLP]: None

16.5 Relevant H- and EUH-phrases (number and full text): None

16.6 Training advice: Follow the instructions on the label

16.7 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 Regulation 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:



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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.