



Safety Data Sheet

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

Trade name: Growing Success Mole Repellent

Version:1.0

Revision date: 23.03.2018

Print date:23.02.2018

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

1.1 Product Growing Success Mole Repellent

1.2 Relevant identified use Mole repellent

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

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

Hazard Pictograms None

Signal Word None

Hazard Statements None

Precautionary Statements:

P101 – If medical advice is needed, have product container or label to hand.

P102 – Keep out of reach of children.

P261 Avoid breathing dust

P270 – Do not eat, drink or smoke when using this product.

P270 – Avoid release to the environment.

P314 – Get medical advice/attention, if you feel unwell.

P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

Other Information: None



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3. COMPOSITION/INFORMATION ON INGREDIENTS

Description Light yellow/white powder.

Hazardous Ingredients

Ingredient	Identifiers	Concentration %W/W	Warning Symbols	Regulation (EC) No 1272/2008 (CLP)
Aluminium ammonium sulphate	CAS: 7784-26-1	88%		H315 H319 H336

See Section 16 for the full text of the H statements declared above.

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.
Get medical advice if any symptoms occur or persist.

Inhalation: Move person to fresh air.
Keep patient warm and at rest.
If breathing is difficult, give oxygen.

Skin Contact: Wash off with soap and plenty of water.
Launder contaminated clothing before re-use.

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

Ingestion: Consult a doctor immediately.
If medical assistance is not immediately available seek assistance from emergency services.

4.2 Most important symptoms and effects, both acute and delayed: None known

4.3 Indication of any immediate medical attention and special treatment needed: None known



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5. FIRE FIGHTING MEASURES

5.1 Extinguishing Media:

Contain the fire with sand or earth or use carbon dioxide, water fog, dry powder or alcohol foam extinguishers prior to the arrival of the Fire Brigade. If a fire occurs adequate protective clothing and self-containing breathing apparatus must be worn.

5.2 Specific Hazards Arising From the Substance or Mixture:

Thermal oxidative decomposition does not occur at temperatures below 600 °C.

5.3 Advice for Fire Fighters:

Wear full protective clothing and self-contained breathing apparatus.

Other Information: None

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Avoid formation / breathing of dust.

Ensure adequate ventilation and wear appropriate PPE if required.

Restrict access to the area as appropriate until clean up operations are complete.

6.2 Environmental Precautions:

Prevent material from entering drains or waterways. If drains, streams, soil or sewers become contaminated then notify local authority.

6.3 Methods and Materials for Containment and Cleaning Up:

Contain the spillage with a barrier of earth, sand, sawdust or other similar absorbent material. Sweep up contaminated absorbent material and place in a marked container for disposal by an authorized contractor.

Contaminated surfaces may be cleaned using water or a detergent/water mixture.

If contamination occurs in a public place or if the product enters a watercourse or sewer, water authorities should be informed.

6.4 Reference to other sections: none



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7. HANDLING AND STORAGE

7.1 Precautions for safe handling:

- This product is NOT a scheduled poison.
- Avoid contact with skin, eyes and clothing.
- Do not eat, drink or smoke when handling this product.
- Wash hands and observe good hygiene practice after handling this product.

7.2 Conditions for safe storage, including any incompatibilities:

- Keep product in original labeled containers, tightly closed in a safe place under lock and key.
- The product should be protected from frost and is stable in the original packaging for at least 2 years.
- Keep out of reach of children.

7.3 Specific End Uses:

Use as mole repellent according to the instruction on the label

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

8.1.1 Occupational exposure limits:

No occupational exposure limit values have been assigned for the substances in this mixture.

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

8.2.1 Appropriate engineering controls: Ensure that eye wash stations and safety showers are proximal to the work station location.



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8.2.2 Personal Protective Equipment:

A risk assessment based on the task being performed and the risks involved should be carried out to determine personal protection equipment required.

When selecting personal protective equipment, seek appropriate professional advice. Personal protective equipment should be certified to appropriate standards.

Respiratory Protection: 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: Wear suitable gloves when handling the product over long periods or if a risk assessment indicates this is necessary.

Eye Protection: Wear eye protection when a risk assessment indicates this is necessary to avoid exposure to dust.

Skin and Body Protection: Suitable protective clothing must be worn when handling the concentrate. All protective clothing, especially the inside of gloves must be washed after use. For further guidance please see Section 2 of this Data Sheet and the product label. Exposure limits not determined.

8.2.3 Environmental exposure controls: Not known

Consumer exposure control: Not known

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: white/light yellow powder

Physical state: solid (powder)

Colour: white/light yellow

Odour: distinct chemical odour

Odour threshold: not known



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9.2 Other information:

	Value	Concentration	Method	Temperature	Pressure	Remark
pH	7.0-8.0	-	-	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	700g/l	-	-	-	-	-
Solubility(ies)	insoluble	-	-	-	-	-
Partition coefficient: n-octanol/water	-	-	-	-	-	-
Auto-ignition temperature	-	-	-	-	-	-
Decomposition temperature	-	-	-	-	-	-
Viscosity	-	-	-	-	-	-
Viscosity, dynamic	-	-	-	-	-	-
Viscosity, cinematic	-	-	-	-	-	-
Explosive properties	-	-	-	-	-	-
Oxidising properties	-	-	-	-	-	-

Physical Hazards: N/A

10. STABILITY AND REACTIVITY

10.1 Reactivity: Stable under normal conditions of storage, handling and use.

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

10.3 Possibility of hazardous reactions: Hazardous polymerisation is not expected to occur.



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10.4 Conditions to Avoid: Avoid oxidizing materials

10.5 Incompatible Materials: Acidic solution therefore admixture with alkaline materials is not advised.

10.6 Hazardous decomposition products: None known.

11. TOXICOLOGICAL INFORMATION

Toxicokinetics, metabolism and distribution

11.1 Information on toxicological effects

Acute Toxicity: Acute Oral, rat LD50 Rat (male and female) = > 2 g/kg
Acute Dermal LD50 Rat (male and female) => 2g/kg

Skin Corrosion/ Irritation: Dermal Irritation Rabbit – not irritant

Eye damage/irritation: Eye Irritation Rabbit – slight irritant (unclassified)

Respiratory or Skin Sensitization: None known.

CMR Effects: No adverse Carcinogenicity, Mutagenicity or Reproductive toxicity reported.

12. ECOLOGICAL INFORMATION

12.1 Toxicity: Aluminium ammonium sulphate is of low environmental toxicity.

12.2 Persistence and Degradability: It is subject to degradation.

12.3 Bioaccumulative Potential: It does not demonstrate bioaccumulation.

12.4 Mobility in Soil: Unknown.

12.5 PBT and vPvB assessment: Unknown

12.6 Other adverse effects: None known.



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13. DISPOSAL CONSIDERATIONS

13.1 Product: Dispose of unwanted product and empty packaging in accordance 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.

14. TRANSPORT INFORMATION

	Land transport (ADR/RID)	Inland waterwaytransport (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

Additional information: None



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15. REGULATORY INFORMATION

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

This product is classified in accordance with Regulation 1272/2008.

15.2 Chemical Safety Assessment: None

16. OTHER INFORMATION

16.1 Indication of changes: New logo

16.2 Abbreviations and Acronyms

ADR	International Carriage of Dangerous Goods by Road
CAS No	Chemicals Abstract Service Registry Number
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
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: Sphere Labs

16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP]: See SECTION 2.1 (classification).

16.5 Relevant R-, H- and EUH-phrases (number and full text):N/A

16.6 Training advice: Follow the instructions

16.7 Further information

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



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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:

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.