



William Sinclair Horticulture Limited

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier:

Growing Success Mole Repellent (MAPP 15200)

1.2 Relevant uses of the substance or mixture and uses advised against:

Animal Repellent

1.3 Details of the supplier of the safety data sheet:

William Sinclair Horticulture Limited
Firth Road
Lincoln
LN6 7AH

Contact: The Safety officer
Phone number: 00 44 (0) 1522 537561
Fax: (01522) 513609
E Mail: info@william-sinclair .co.uk

1.4 Emergency phone number

Phone number: 00 44 (0) 1522 537561

2. Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (EU-GHS/CLP)

This mixture is not classified as dangerous to humans or the environment

Classification according to 67/548/EEC (EU-DSD)

This mixture is not classified as dangerous to humans or the environment

Primary Hazard

None

2.2 Label Elements

Label Elements:

| | |
|---------------------------------|------|
| Pictogram | None |
| Signal Word | None |
| Hazard Statement: (H-Statement) | None |

Precautionary Statements:

P102 -Keep out of reach of children
P270 -Do not eat, drink or smoke when using this product
P273 – Avoid release to the environment
P314 – Get medical advice/attention if you feel unwell
P101 – If medical advice is needed, have product container or label to hand
P308+P313 – If exposed or concerned: Get medical advice/attention
P307+P11 – If exposed: Call a POISON CENTRE or doctor or physician

2.3 Other Hazards

Mixture not classed as PBT or vPvB

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Composition

| | |
|-------------------|--|
| Concentration | 88% w/w aluminium ammonium sulfate |
| Synonym: | Alum. |
| Chemical Formula: | $(\text{NH}_4)_2\text{Al}_2(\text{SO}_4)_4 \cdot 24\text{H}_2\text{O}$ |
| EINECS number | 2320553 |
| CAS number | 7784-26-1 |

3.2 Mixtures

There are no harmful components in this mixture.

4. FIRST AID MEASURES

4.1 Description of first aid measures

4.1.1 Inhalation

If symptoms arise remove from source of exposure to fresh air; seek medical attention if symptoms persist or develop

4.1.2 Skin & Eye exposure

Skin: Drench immediately with water. Remove any contaminated clothing and launder before re-use. Obtain medical attention if symptoms develop or persist.

Eyes: Immediately rinse with clean water for 15 minutes. Obtain medical attention if symptoms develop or persist.

4.1.3 Ingestion

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

4.2 Most important symptoms and effects, both acute and delayed

Information not available

4.3 Indication of any immediate medical attention and special treatment needed.

GUIDE TO DOCTOR: This product contains aluminium ammonium sulphate. Treatment for alum ingestion should be followed ie gastric lavage with care to prevent aspiration. The product is mammalian repellent and patients may exhibit severe distress. There is no known specific antidote and treatment must be supportive and symptomatic

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. Contain contaminated water – avoid flushing to drains/sewers and freshwater ditches/rivers.

5.2 Special Hazards arising from the substance or mixture

Hazardous decomposition – thermal oxidative decomposition does not occur at temperatures below 600°C

5.3 Advice for fire-fighters

Adequate protective clothing and self-containing breathing apparatus must be worn.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

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

Ensure adequate ventilation

Use personal protective equipment,

- Gloves

- Eye protection

6.2 Environmental Precautions

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

6.3 Methods and material 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, the police and water authorities should be informed.

6.4 Reference to other sections

See also section 8

7. HANDLING AND STORAGE

7.1 Precaution for safe handling

Normal handling: This product is NOT a scheduled poison. Avoid contact with skin, eyes and clothing. Keep out of reach of children and away from food, drink and animal feeding stuffs

7.2 Conditions for safe storage, including any incompatibilities

Product must be stored in the original labelled container, 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.

7.3 Specific end use(s)

No Information available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

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

8.2 Exposure controls

Appropriate Engineering Control: Ensure that eye wash stations and safety showers are proximal to the work station location.

Individual Protection Measures:

Primary exposure route – ingestion

Symptoms – unpleasant acidic taste

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance; Light Yellow / White Powder

Odour; Distinct Chemical Odour

Odour threshold; No information available

Melting point/freezing; 94 °C

Initial boiling point and boiling range; 120 °C

Flash point; n/a

Evaporation rate; n/a

Flammability (solid, gas); Mixture is not classified as flammable

Upper /lower flammability or explosive limits; Mixture is not classified as explosive

Vapour Pressure; n/a

Vapour density; n/a

Density; 1.64 g cm⁻³

Solubility (ies); 15 g / 100 ml of water @ 20 °C

Auto ignition temperature: n/a

Decomposition temperature: Does not decompose below 600 °C

9.2 Other Information

No other relevant information available

10. STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical Stability

The product is stable under normal storage conditions in its original container. It must be protected from frost. See also Section 3 of this data sheet

10.3 Possibility of hazardous reactions

No specific hazardous reactions known.

10.4 Conditions to avoid

Oxidising Materials

10.5 Incompatible materials

Incompatible with alkalis.

10.6 Hazardous decomposition products

None Known.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

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

Dermal Irritation **Rabbit** – not irritant

Eye Irritation Rabbit – slight irritant (unclassified)

Chronic Toxicity – no adverse effects reported

11.2 Potential chronic health effects

Carcinogenicity: No adverse effects reported

Mutagenicity: No adverse effects reported

Reproductive toxicity: No adverse effects reported

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Mixture not classified as harmful to aquatic life.

12.2 Persistence and degradability

Expected to be biodegradable

12.3 Bioaccumulative potential

This substance is not expected to bioaccumulate.

12.4 Mobility in soil

The material is soluble and is expected to migrate in soil

12.5 Results of PBT and vPvB

Not classified

12.6 Other adverse effects

Information not available

13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Disposal method in accordance with all applicable national environment laws and regulations.

14. TRANSPORT INFORMATION

14.1 UN number: Product is unclassified for transport

14.2 UN proper shipping name: Product is unclassified for transport

14.3 Transport hazard Product is unclassified for transport

14.4 Packing group: Product is unclassified for transport

14.5 Environmental hazards: Product is unclassified for transport

14.6 Special precautions for user: No information available

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

Applicable for Maritime bulk transport only. Check with carrier.

15. REGULATORY INFORMATION

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

This substance is classified and labelled in accordance with regulation 1999/45/EC, 1272/2008, the statutory instrument No.716 2009 Chemicals (Hazard Information and Packaging) regulations and the EC Fertiliser Regulations 2003, Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC)

MAPP No 15200

Risk Phrases

NONE

Hazard Statements:

NONE

Safety Phrases:

S2 KEEP OUT OF REACH OF CHILDREN

S13 KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS
S20/21 WHEN USING DO NOT EAT, DRINK OR SMOKE
S29/35 DO NOT EMPTY INTO DRAINS, DISPOSE OF THIS MATERIAL AND ITS CONTAINER IN A SAFE WAY
S45 IF YOU FEEL UNWELL SEEK MEDICAL ADVICE IMMEDIATELY (show label where possible)
S49 keep only in original container

Precautionary Statements:

P102 -Keep out of reach of children

No Equivalent

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

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

P308+P313 – If exposed or concerned: Get medical advice/attention

P310 -Immediately call a POISON CENTRE or doctor/physician

P307+P11 – If exposed: Call a POISON CENTRE or doctor or physician

P301+P310 – If exposed: Immediately call a POISON Centre or doctor/physician

P309+P311 – If exposed of if you feel unwell: Call a POISON CENTRE or doctore/physician

P342+P311 – If experiencing respiratory symptoms: Call a POISON CENTRE or doctor/physician

16. OTHER INFORMATION

SDS information:

This Safety data sheet is compiled using data submitted for raw materials and practical experience. This product is intended for professional users only.

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

THE INFORMATION GIVEN HEREIN IS, TO THE BEST OF OUR KNOWLEDGE, CORRECT AND IS PRESENTED IN GOOD FAITH BUT NO WARRANTY, EXPRESSED OR IMPLIED IS GIVEN.

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