**SAFETY DATA SHEET**

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

**Product** **Gro-Sure Smart Seed**

**Usage** Lawn seed and fertiliser

**Supplier** 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

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

Not applicable

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Description** Mixture of grass seed and fertiliser

This mixture does not contain ingredients present at levels leading to a classification of hazardous

**Hazardous Ingredients**

| Ingredient | Identifiers | Concentration %W/W | Warning Symbols | Regulation (EC) No 1272/2008 (CLP) |
|---|---|---|---|---|
| Ferrous Sulphate Heptahydrate | CAS: 7720-78-7<br>EC: 231-753-5 | <2 % | | Acute Tox 4; H302<br>Skin Irrit 2; H315<br>Eye Irrit 2; H319 |
| Limestone | CAS: 1317-65-3 | 13 - 16% | | Substance with Workplace Exposure Limit |

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

## 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.
Get medical advice is any symptoms occur or persist

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

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

**Eye Contact:** Rinse with plenty of water, also under the eyelids, for at least 15 minutes.
Remove contact lenses and continue flushing.

**Ingestion:** Rinse out mouth and then drink water

**Treatment (Medical Advice):** Information not available

## 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:**
The mixture is not classified as flammable as such extinguishing media should be chosen as appropriate for surrounding materials.

**Specific Hazards Arising From the Substance or Mixture:**
Fire may produce hazardous products of combustion such as carbon monoxide
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:** None

## 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:**
Not applicable

**Methods and Materials for Containment and Cleaning Up:**
Vacuum or sweep up material
Wash affected area with water
Place into suitable labelled containers for disposal according to local / national regulations

## 7. HANDLING AND STORAGE

**Handling**:

- Prevent dust formation and inhalation
- Avoid contact with eyes and skin
- Wear gloves when handling the product over long periods of time
- Wash hands and observe good hygiene practice after handling this product

**Storage**:

- Keep product in original labeled containers

**Specific End Uses**:
Use as grass seed and fertiliser according to the instruction on the label

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Control Parameters**

Ingredients with limit values that require monitoring at the workplace:

| Ingredient | Work Exposure Limit (WEL) | |
|---|---|---|
| | **Long-term Exposure Limit (8-hr TWA reference period)** | **Short-term Exposure Limit (15 minute reference period)** |
| Iron salts | 1mg/m$^3$ | 2 mg/m$^3$ |
| Limestone | Total inhalable 10 mg/m$^3$<br>Respirable 4mg/m$^3$ | |

**Exposure Controls**

**Engineering Measures:** No special ventilation requirements.
Avoid high dust concentration and provide ventilation where necessary

**Protective Measures:** The use of technical measures should always have priority over the use of 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:** Not necessary if room is well ventilated
Use suitable dust respirator if dust concentration is high or if a risk assessment indicates this is necessary. (Filter P2)

**Hand Protection:** Wear suitable gloves when handling the product over long periods or if a risk assessment indicates this is necessary. Gloves complying with EN420

**Eye Protection:** Wear eye protection when a risk assessment indicates this is necessary to avoid exposure to dust. Safety glasses complying with EN166 as a minimum

**Skin and Body Protection:** Protecting work clothing

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance**: Mixture of granular fertiliser and green, gray and brown grass seed
**Odour**: Odourless

**Other Properties**:

| | Value | Temperature |
|---|---|---|
| Density | 280 – 450 g/l | |

No other relevant information available

## 10. STABILITY AND REACTIVITY

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

**Hazardous Reactions**: None known

**Hazardous Decomposition**: Heating or fire can release toxic or irritant vapours and fumes

**Incompatible Materials**: No information available

**Conditions To Avoid**: Damp or wet conditions

## 11. TOXICOLOGICAL INFORMATION

**Acute Toxicity:** Mixture not classified for acute toxicity

**Skin Irritation:** The mixture is not classified as skin irritant

**Serious Eye Irritation:** The mixture is not classified for eye damage

**Respiratory or Skin Sensitization:** The mixture is not classified as a sensitizer

**Long Term Toxicity:** The mixture is not classified as mutagenic, carcinogen, reproductive toxic or aspiration hazard

**STOT- repeated exposure:** No information available on mixture

## 12. ECOLOGICAL INFORMATION

Grass seed is not classified for environmental hazard

**Ecotoxicity:** Information on ingredients below

- **Toxicity To Fish:** **Ferrous Sulphate:** LC50 Onchorhynchus mykiss (Rainbow trout), 86.2 mg/l, 96h
- **Toxicity To Aquatic Invertebrates:**
  **Ferrous Sulphate:** EC50 Daphnia magna (water flea), 1-10 mg/l, 48h

**Persistence and Degradability:** No information available on mixture

**Bioaccumulative Potential:** No information available on mixture

**Mobility in Soil:** No information available on mixture

**PBT and vPvB assessment:** No information available on mixture

**Other Data:** Information not available

## 13. DISPOSAL CONSIDERATIONS

**Product:** Spread product over lawn
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

## 14. TRANSPORT INFORMATION

**Land Transport (ADR /RID)** Not dangerous goods

**Maritime Transport (IMDG)** Not dangerous goods

**Air Transport (IATA-DGR)** Not dangerous goods

**Special precautions for user:** None

## 15. REGULATORY INFORMATION

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

This mixture is labelled in accordance with regulation 1272/2008.

**Chemical Safety Assessment:** A Chemical Safety Assessment has not been undertaken for this mixture

## 16. OTHER INFORMATION

**Recommended uses and restrictions**: Follow the instructions

**Full texts of abbreviated H Statements refer to under Section 3:**

| | |
|---|---|
| H302 | Harmful if swallowed |
| H315 | Causes skin irritation |
| H319 | Causes serious eye irritation |

**Full text of Classifications**

- **CLP/GHS:** Acute Tox 4; Acute Toxicity, Category 4
  Eye Irrit 2; Eye Irritation, Category 2
  Skin Irrit 2; Skin Irritation, Category 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 |
| 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 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.