



# Safety Data Sheet

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

Trade name: Gro-Sure Smart Lawn Seed Tough Areas

Version:1.0

Revision date: 29.11.2019

Print date:29.11.2019

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

**1.1 Product identifier** Gro-Sure Smart Lawn Seed Tough Areas

**1.2 Relevant identified use** Lawn seed

### 1.3 Details of the supplier of the safety data sheet

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

**Email** [customerservice@WestlandHorticulture.com](mailto: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

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

Not applicable

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**3.1 Substance: N/A**

**3.2 Description** Mixture of grass seed and fertiliser

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



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## Hazardous Ingredients

Ingredient	Identifiers	Concentration %W/W	Warning Symbols	Regulation (EC) No 1272/2008 (CLP)
Ferrous Sulphate Heptahydrate	CAS: 7720-78-7 EC: 231-753-5	<2 %		Acute Tox 4; H302 Skin Irrit 2; H315 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

### 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.

**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

## 5. FIRE FIGHTING MEASURES

### 5.1 Extinguishing Media:

The mixture is not classified as flammable as such extinguishing media should be chosen as appropriate for surrounding materials.



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## 5.2 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.

## 5.3 Advice for Fire Fighters:

Wear full protective clothing and self-contained breathing apparatus.

Additional Information: None

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

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

### 6.2 Environmental Precautions:

Not applicable

### 6.3 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

### 7.1 Precautions for safe 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

### 7.2 Conditions for safe storage, including any incompatibilities:

- Keep product in original labelled containers



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## Specific End Uses:

Use as grass seed and fertiliser according to the instruction on the label

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 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 <sup>3</sup>	2 mg/m <sup>3</sup>
Limestone	Total inhalable 10 mg/m <sup>3</sup> Respirable 4mg/m <sup>3</sup>	

### 8.2 Exposure Controls

**8.2.1 Appropriate Engineering Controls:** No special ventilation requirements.

Avoid high dust concentration and provide ventilation where necessary

**8.2.2 Personal protective equipment :** 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:** Protective work clothing



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## 8.2.3 Environmental exposure controls: None known

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

**Appearance:** Mixture of granular fertiliser and green, grey and brown grass seed

**Physical state:** solid

**Colour:** Green/brown

**Odour:** Odourless

**Odour threshold:** none

### 9.2 Other information:

	Value	Concentration	Method	Temperature	Pressure	Remark
pH	-	-	-	-	-	-
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	280-450g/l	-	-	-	-	-
Solubility(ies)	-	-	-	-	-	-
Partition coefficient: n-octanol/water	-	-	-	-	-	-
Auto-ignition temperature	-	-	-	-	-	-
Decomposition temperature	-	-	-	-	-	-
Viscosity	-	-	-	-	-	-
Viscosity, dynamic	-	-	-	-	-	-



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Viscosity, cinematic	-	-	-	-	-	-
Explosive properties	-	-	-	-	-	-
Oxidising properties	-	-	-	-	-	-

**Physical hazards:** none known

## 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:** None known

**10.4 Conditions to avoid:** Damp or wet conditions during storage

**10.5 Incompatible Materials:** No information available

**10.6 Hazardous decomposition products:** Heating or fire can release toxic or irritant vapours and fumes

## 11. TOXICOLOGICAL INFORMATION

### Toxicokinetics, metabolism and distribution

#### 11.1 Information on toxicological effects

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

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

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



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

## CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

The mixture is not classified as mutagenic, carcinogen, reproductive toxic or aspiration hazard

## 12. ECOLOGICAL INFORMATION

Grass seed is not classified for environmental hazard

### 12.1 Toxicity:

**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

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

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

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

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

**12.6 Other adverse effects:** Information not available

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

**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



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## 14. TRANSPORT INFORMATION

	Land transport (ADR/RID)	Inland waterway transport (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
<b>14.1 UN No.</b>	Not dangerous goods	Not dangerous goods	Not dangerous goods	Not dangerous goods
<b>14.2 UN Proper shipping name</b>	Not dangerous goods	Not dangerous goods	Not dangerous goods	Not dangerous goods
<b>14.3 Transport hazard class(es)</b>	Not dangerous goods	Not dangerous goods	Not dangerous goods	Not dangerous goods
<b>Hazard label(s)</b>	Not dangerous goods	Not dangerous goods	Not dangerous goods	Not dangerous goods
<b>14.4 Packing group</b>	Not dangerous goods	Not dangerous goods	Not dangerous goods	Not dangerous goods
<b>14.5 Environmental hazards</b>	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

## 15. REGULATORY INFORMATION

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

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

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





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## 16. OTHER INFORMATION

### 16.1 Indication of changes

### 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
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: Westland Horticulture Ltd

### 16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008

[CLP]: See SECTION 2.1 (classification).

### 16.5 Relevant H- and EUH-phrases (number and full text):

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

### 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.