



Safety Data Sheet

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

Trade name: Gro-Sure Smart Patch

Version:1.0

Revision date: 30.01.2018

Print date:

30.01.2018

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

1.1 Product identifier Gro-sure Smart Patch

1.2 Relevant identified uses Lawn patch repair

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

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

Hazard pictograms: Not applicable

Signal word: Not applicable

Hazard statements: Not applicable

Precautionary statements: Not applicable

Supplemental Hazard information: Depending on the handling and use, airborne respirable dust may be generated. The product should be handled using methods and techniques that minimise or eliminate dust.

Special rules for supplemental label elements for certain mixtures: Not applicable

Additional labelling: Not applicable



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3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances N/A

3.2 Mixtures

Description Mixture of grass seed, pet urine absorbent granules, feed and seeding soil

Hazardous ingredients This mixture does not contain ingredients classified as hazardous substances.

Additional information: None

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: Do not rub eye
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

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

Information not available



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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.

5.2 Special 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

6.4 Reference to other sections

Additional information: None

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Handling:

- Prevent dust formation and inhalation
- Avoid contact with eyes and skin
- Wear gloves when handling the product over long periods of time



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- Wash hands and observe good hygiene practice after handling this product

7.2 Conditions for safe storage, including any incompatibilities

Storage:

- Keep product in original labelled containers

7.3 Specific End Uses:

Use as compost according to the instruction on the label

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

8.1.1 Occupational Exposure limits: No ingredients with limit values that require monitoring at the workplace

8.1.2 Biological limit values – none

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: No special ventilation requirements.

Avoid high dust concentration and provide ventilation where necessary

8.2.2 Personal protective equipment:

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

Thermal hazards: N/A



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8.2.3 Environmental exposure controls: N/A

Consumer exposure control

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: mix of dark brown and black granules white granules and grass seed

Physical state: solid granules

Colour: mix of dark brown, black and white

Odour: odourless

Odour threshold: none

9.2 Other information:

	Value	Concentration	Method	Temperature	Pressure	Remark
pH	5.0-6.5	-	-	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	550-700g/L	-	-	-	-	-
Solubility(ies)	-	-	-	-	-	-



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Partition coefficient: n-octanol/water	-	-	-	-	-	-
Auto-ignition temperature	-	-	-	-	-	-
Decomposition temperature	-	-	-	-	-	-
Viscosity	-	-	-	-	-	-
Viscosity, dynamic	-	-	-	-	-	-
Viscosity, cinematic	-	-	-	-	-	-
Explosive properties	-	-	-	-	-	-
Oxidising properties	-	-	-	-	-	-

Particle size distribution

0.1 - 6mm

Physical hazards:

Flammable aerosols

Justification for data waiving:

Safety characteristics:

	Value	Result	Method	Remark
Content of flammable components				
Chemical heat of combustion				
Ignition distance				Testing is not required for foam aerosols.
Time equivalent				
Deflagration density				
Maximum flame height				Testing is not required for spray aerosols.
Flame duration				

Assessment / Classification: N/A

Flammable solids

Justification for data waiving:

Safety characteristics:N/A



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	Value	Method	Remark
Burning rate	N/A		
Burning rate with wetted zone			
Moisture content			

Assessment / Classification: N/A

Oxidising solids

Justification for data waiving:

Safety characteristics:

	Value	Method	Remark
Preliminary test	N/A		
Mean burning time of test mixture			
Mean burning time of reference mixture			

Assessment / Classification: 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 Hazardous Reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4 Conditions To Avoid: Extremes of temperature

10.5 Incompatible Materials: Oxidising agents

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



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11. TOXICOLOGICAL INFORMATION

Toxicokinetics, metabolism and distribution

11.1 Information on toxicological effects

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

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

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

Other information: No other information available on mixture

12. ECOLOGICAL INFORMATION

12.1 Toxicity: The mixture is not classified for environmental hazard

Aquatic toxicity: The mixture is not classified for environmental hazard

Sediment toxicity: The mixture is not classified for environmental hazard

Terrestrial toxicity: The mixture is not classified for environmental hazard

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



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13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product:

Spread product over land as soil conditioner

Check if agriculture use is possible.

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)	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 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:

15.1.1 This mixture is classified in accordance with Regulation 1272/2008.

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

16. OTHER INFORMATION

16.1 **Indication of changes:** none

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**

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):**

16.6 **Recommended uses and restrictions:**

Follow the instructions



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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:

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.