



SAFETY DATA SHEET

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

Product Gro-Sure 5 Day Repair

Usage Repairing worn and bare lawn patches

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

Email www.gardenhealth.com

Emergency Tel 08700 663566 (UK)








2. HAZARDS IDENTIFICATION

No ingredients present at levels leading to a classification of hazardous under the Chemicals (Hazard Information & Packaging) Regulations (CHIP).

3. COMPOSITION/INFORMATION ON INGREDIENTS

Description Combination of lawn seed and slow release fertiliser

Hazardous Ingredients

CAS Number	Active Ingredient	Concentration	Directive 67/548/EEC	
			Warning Symbols	'R' Phrase(s)
7785-87-7	Manganese Sulphate	0.05% W/W	  N Xn	R48/20/22 R51/53
7758-98-7	Copper Sulphate	0.04% W/W	  N Xn	R22 R36/38 R50/53
7720-78-7	Ferrous Sulphate	0.1% W/W	  Xn	R22 R36/38
1330-43-4	Disodium tetraborate anhydrous	0.13% W/W	 T Repr. Cat 2	R60 R61



4. FIRST AID MEASURES

Skin Contact: Wash with soap and water following skin contact

Eye Contact: Flush eyes thoroughly with clean water or eye wash solution. Remove contact lenses and continue flushing.

Ingestion: Likely symptoms of ingestion are nausea, vomiting and diarrhea. Do not induce vomiting, seek medical attention.

Inhalation: Move the exposed individual from the area to fresh air.

If any discomfort persists after following the above advice seek immediate medical attention.

5. FIRE FIGHTING MEASURES

Although this product is not classified as flammable it should be remembered that any dust in sufficient concentration in air can present a fire or explosion hazard.

Suitable Extinguishing Media:

Water

Extinguishing Media Which Must Not Be Used For Safety Reasons:

Foam, sand or powder.

Specific Hazards Arising From the Substance or Mixture:

As the product contains organic components, fire will produce hazardous products of combustion
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:

Do not allow run-off from fire fighting to enter drains or water courses.

If fire run-off water enters drains or water course, inform the appropriate water authorities immediately



6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

Refer to protective measures listed in section 8.
Avoid breathing dust
Do not smoke

Environmental Precautions:

Do not allow to mix with combustible or organic substances
Do not discharge into surface water or sanitary sewer system.

Methods and Materials for Containment and Cleaning Up:

Sweep up and shovel into suitable containers for disposal according to local / national regulations

Additional Advice: If the product contaminates rivers and lakes or drains inform respective authorities.

7. HANDLING AND STORAGE

Handling:

- The generation of excessive amounts of dust should be avoided when handling this product.
- Do not eat, drink or smoke when using this product.
- Avoid unnecessary exposure to the atmosphere to prevent moisture pick up
- Wash exposed skin with soap and water after using and before eating.

Storage:

- Store in a cool, dry, well ventilated environment.
- Do not store near food or drink.
- Good housekeeping practices apply.
- The product will absorb moisture if exposed to air, replace lids when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory: Use respiratory protection if your risk assessment indicates this is necessary. The 3M 8810 disposable respirator (or its equivalent) is suitable (Complies with EN149:2001) and will give adequate protection to people using or handling this product.

Eyes: Use eye protection if your risk assessment indicates this is necessary. General purpose clear polycarbonate goggles with a vented surround. (Complying with EN166 1-39B) are suitable and will give adequate protection to people using or handling this product.

Hands: Use general purpose lightweight gloves if your risk assessment indicates this is necessary.

Skin: In circumstances where prolonged exposure to skin is anticipated, the application of appropriate skin barrier cream should be used if your risk assessment indicates this is necessary.



9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Grass seed plus granular feed
Colour:	Green/Beige
Odour:	This product does not have a strong odour.
Decomposition:	This product will not decompose readily if stored in a cool, dry, well ventilated environment

10. STABILITY AND REACTIVITY

Hazardous decomposition:	Combustion or thermal decomposition may result in toxic or irritant vapours being produced (CO ₂ , NO _x , SO _x , NH ₃). In contact with alkaline materials such as lime it may give off ammonia gas
Hazardous reactions:	None known. Hazardous polymerization does not occur.
Conditions to avoid:	High temperatures. Unnecessary exposure to atmosphere Combustible materials, reducing agents, acids, bases, metallic powders

11. TOXICOLOGICAL INFORMATION

The following claims are made based on available data. This product

Acute toxicity:	Copper sulphate: LD50 Oral rat 300 mg/kg Manganese Sulphate: LD50 Oral rat 2150mg/kg Ferrous sulphate Heptahydrate: LD50 Oral mouse 1520mg/kg
Skin corrosion/irritation:	May cause skin irritation
Serious eye damage/irritation:	May cause eye irritation
Respiratory or skin sensitization:	Is not a respiratory or skin sensitizer
Germ cell mutagenicity:	Does not induce or increase the frequency of mutation in an organism
Carcinogenicity:	Does not have the ability or tendency to produce cancer
Reproductive toxicity:	Does not interfere with normal reproduction, or have adverse effects on sexual function or fertility in adult males or females,
STOT-single exposure:	Does not have data and/or information to evaluate specific target organ systemic toxicity following single exposure
STOT-repeated exposure:	Does not have data and/or information to evaluate specific target organ systemic toxicity following repeated exposure
Aspiration hazard.	Does not have aspiration toxicity data



12. ECOLOGICAL INFORMATION

The following claims are made based on available data. This product

Aquatic Toxicity:	Copper sulphate: EC50 / 48 / Daphnia Magna 0.1mg/l Manganese sulphate: EC50 / 21d / Daphnia Magna 5.2mg/l as Mn Ferrous Sulphate: EC50 /48h / Daphnia Magna 86mg/l
Persistence and degradability:	This product is biodegradable
Bioaccumulative potential:	This product does not contain pollutants that will bio accumulate in living organisms
Mobility:	Fertiliser soluble in water. May cause eutrophication.
Other adverse effects:	None known

13. DISPOSAL CONSIDERATIONS

Product: Do not contaminate ponds, waterways or ditches with product or used container. Dispose of by use on lawns, by spreading thinly on open ground. 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 for recycling, incineration, land filling or disposed of in compliance with applicable local regulations

14. TRANSPORT INFORMATION

Land Transport (ADR /RID) Not dangerous goods

Sea Transport (IMDG) Not dangerous goods

Air Transport (IATA-DGR) Not dangerous goods

15. REGULATORY INFORMATION

The product is labeled in accordance to EU directives



16. OTHER INFORMATION

Recommended uses and restrictions: Follow the instructions

Full text of R Phrases referred to under Section 3:

R22	Harmful if swallowed
R36/38	Irritating to eyes and skin
R48/20/22	Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R60	May impair to fertility
R61	May cause harm to the unborn child

Abbreviations and Acronyms

Regulation (EC) No 1272/2008	Classification, Labelling and packaging
IMDG Code	International Maritime Dangerous Goods Code
ADR	International Carriage of Dangerous Goods by Road
RID	International Carriage of Dangerous Goods by Rail
IATA	International Air Transport Association

Further information

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

The information in this Safety Data Sheet has been prepared in accordance with the applicable European Directives. The information is believed to be correct at the time of going to press. Always read the label and product information before use. For further information please contact Westland Horticulture Ltd, 14 Granville Industrial Estate, Granville Road, Dungannon, County Tyrone, BT70 1NJ.