



## SAFETY DATA SHEET

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

<b>Product</b>	<b>Gro-Sure Ericaceous Plant Food Granules</b>
<b>Usage</b>	Plant food
<b>Supplier</b>	Westland Horticulture Ltd 14 Granville Industrial Estate Granville Road Dungannon County Tyrone BT70 1NJ
<b>Email</b>	<a href="http://www.gardenhealth.com">www.gardenhealth.com</a>
<b>Emergency Tel</b>	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** Granular fertiliser

#### Hazardous Ingredients

This product contains ingredients, substances, mixtures, impurities or stabilizing additives required to be declared under Article 18(2) of Regulation (EC) No 1272/2008.

EEC Annex I of Directive 67/548/EEC contains a list of harmonised classifications and labelling for substances or groups of substances and the following Risk Phrases/Safety phrases (where applicable) are relevant to anyone using or handling this product:

CAS Number	Active Ingredient	Concentration	Directive 67/548/EEC	
			Warning Symbols	'R' Phrase(s)
6484-52-2	Ammonium Nitrate	29% W/W	 O	R8

For the full text of the R phrases and H Statements mentioned in this section, see section 16.



#### 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:**

Use water only in flooding quantities

**Specific Hazards Arising From The Substance Or Mixture:**

Possible formation of toxic gases during heating or in fire: nitrogen oxides (NO<sub>x</sub>), carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>), sulphur dioxide (SO<sub>2</sub>), phosphorous oxides, metal oxides and halogenated compounds

**Special Protective Equipment For Fire Fighters:**

Wear full protective clothing and self-contained breathing apparatus.  
Do not inhale explosion or combustion gases.

#### 6. ACCIDENTAL RELEASE MEASURES

**Environmental Precautions:**

Avoid contact of spilt material and runoff with soil and surface waterways.

**Methods And Materials For Containment And Cleaning Up:**

Scoop up solid material and place into an appropriate labelled container for disposal according to local / national regulations (see section 13).  
Do not mix with sawdust or other combustible materials  
Avoid creating dusty conditions and prevent wind spread

**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 or drink when using this product.
- Wash exposed skin with soap and water after using and before eating.
- Avoid all possible sources of ignition (spark or flame)

### 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:** Granular structure.

**Colour:** Blue beads

**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

### Other Properties:

	Value	Temperature	Method
pH	4 - 6 at 10% W/V		
Density	0.95 – 1.2 g/ml		
Solubility	Soluble in cold water		



## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under recommended storage and handling conditions
<b>Conditions to avoid:</b>	Elevated temperatures. Avoid all possible sources of ignition (spark or flame)
<b>Materials to avoid:</b>	Reducing materials, metals, acids, alkalis and organic materials
<b>Hazardous decomposition:</b>	Combustion or thermal decomposition may result in toxic or irritant vapours being produced. In contact with alkaline materials it may release ammonia gas

## 11. TOXICOLOGICAL INFORMATION

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

Acute toxicity:	Is non toxic
Skin corrosion/irritation:	Does not corrode or irritate the skin
Serious eye damage/irritation:	Does not cause serious eye damage or 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

Toxicity:	Is not expected to have any deleterious effect.
Persistence and degradability:	This product is biodegradable
Bioaccumulative potential:	This product does not contain pollutants that will bio accumulate in living things
Mobility in soil:	This product does not contain components that will disperse from the soil into groundwater or lakes if used in accordance with the instructions on the packaging.
Other adverse effects:	None known



### 13. DISPOSAL CONSIDERATIONS

This product does not create any physical or chemical concerns that affect waste treatment options.

### 14. TRANSPORT INFORMATION

Not classified under any of the following regulations or codes:

- The IATA Dangerous Good Regulations
- The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations
- The Globally Harmonized System of Classification and Labelling of Chemicals (GHS)
- The European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)

This product is not environmentally hazardous according to the criteria of the UN Model Regulations (as reflected in the IMDG Code, ADR, RID and ADN) and/or a marine pollutant according to the IMDG Code.

There are no special transportation precautions the user of this product should be aware of.

### 15. REGULATORY INFORMATION

This product is not subject to the following regulations, conventions or codes:

- Regulation (EC) No 2037/2000 of the European Parliament and of the Council on substances that deplete the ozone layer
- Regulation (EC) No 850/2004 of the European Parliament and of the Council on persistent organic pollutants
- Directive 79/117/EEC (3) Concerning the export and import of dangerous chemicals
- Regulation (EC) No 689/2008 of the European Parliament and of the Council concerning the export and import of dangerous chemicals

This product is not subject to specific regulatory provisions in relation to protection of human health or the environment.

### 16. OTHER INFORMATION

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

**Full text of R Phrases referred to under Section 3:**

R8 Contact with combustible material may cause fire

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.