



SAFETY DATA SHEET

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

Product Gro-Sure All Purpose Soluble Plant Food

Usage Soluble Fertiliser

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 Regulation (EC) No 1272/2008

3. COMPOSITION/INFORMATION ON INGREDIENTS

Description Soluble fertiliser NPK 12.5 – 5 – 25 +TE

Hazardous Ingredients

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) | |
| 7646-93-7 | Potassium Hydrogensulphate | 3.8 % w/w |  |  | C Xi | R34 R37 |

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



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.

Inhalation: Move the victim to fresh air.
If breathing is irregular or stopped, administer artificial respiration.
Keep patient warm and at rest.
Call a physician or Poison Control Centre.

Skin Contact: Wash off immediately with plenty of water.
If skin irritation persists call a physician.
Wash contaminated clothing before re-use.

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

Ingestion: Wash out mouth with water
If swallowed seek medical advice immediately and show container or label.

Most Important Symptoms and Effects, both Acute and Delayed:

Skin contact: There may be irritation and redness at the site of contact

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed/Immediate Effects: Possible systemic effects

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Suitable extinguishing media for the surrounding fire should be used

Specific Hazards Arising From The Substance Or Mixture:

As the product contains combustible organic components, fire will produce dense black smoke containing 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.



6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

Refer to protective measures listed in sections 7 and 8.

If outside do not approach from downwind and keep bystanders upwind and away from danger point.

Do not create dust

Environmental Precautions:

Do not discharge into surface water or sanitary sewer system.

Methods and Materials for Containment and Cleaning Up:

Transfer to a closable labelled container for disposal according to local / national regulations (see section 13).

Wash the spillage site with large amounts of water

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

7. HANDLING AND STORAGE

Handling:

- Avoid direct contact with the substance
- Ensure there is sufficient ventilation of the area
- Do not handle in a confined space
- Avoid the formation or spread of dust in the air
- When using do not eat, drink or smoke

Storage:

- Keep containers closed tightly in a dry, cool and well-ventilated place.
- Keep in original packaging
- Keep out of reach of children
- Keep away from food, drink and animal feedingstuffs.

Specific End Uses:

Use only as fertiliser



8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Control Parameters:** Contains no substances with occupational exposure limit values
- Exposure Controls**
- Engineering Measures:** Provide adequate ventilation.
- Protective Measures:** The use of technical measures should always have priority over the use of personal protective equipment
When selecting personal protective equipment, seek appropriate professional advice
Personal protective equipment should be certified to appropriate standards
- Respiratory Protection:** Respiratory protective device with particle filter
Self-contained breathing apparatus must be available in case of emergency
- Hand Protection:** Select gloves based on the physical job requirements
- Eye Protection:** Safety glasses
Ensure eye bath is to hand
- Skin and Body Protection:** Select skin and body protection based on the physical job requirements

9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance:** Crystalline solid
- Colour:** White
- Solubility:** Soluble in water

10. STABILITY AND REACTIVITY

- Chemical Stability:** Stable under normal conditions
- Hazardous Decomposition:** Combustion or thermal decomposition will evolve toxic or irritant vapours
- Hazardous Reactions:** Hazardous reactions will not occur under normal transport or storage conditions.
In molten state reacts violently with some metals
Decomposition may occur on exposure to conditions or materials below
- Conditions To Avoid:** Heat, strong oxidising agents and strong acids



11. TOXICOLOGICAL INFORMATION

The product has not been tested. The statements on toxicology have been derived from the properties of the individual components or from products of a similar structure and composition

Relevant Effects:

| | |
|---------------------------|-----------------------------|
| Effect: | Irritation |
| Route of Exposure: | Optical, dermal, inhalation |

12. ECOLOGICAL INFORMATION

| | |
|--|---|
| Toxicity: | Ecotoxicity values: Not applicable |
| Persistence and Degradability: | Biodegradable |
| Bioaccumulative Potential: | No bioaccumulation potential |
| Results of PBT and vPvB Assessment: | This substance is not identified as a PBT substance |
| Other Adverse Effects: | Negligible ecotoxicity |

13. DISPOSAL CONSIDERATIONS

| | |
|--------------------------------|---|
| Product: | Do not contaminate ponds, waterways or ditches with chemical or used container. Do not dispose of waste into sewer. Where possible recycling is preferred to disposal or incineration. Transfer to a suitable container and 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 Do not reuse empty containers. |

14. TRANSPORT INFORMATION

| | |
|-----------------------------------|---------------------|
| Land Transport (ADR /RID) | Not dangerous goods |
| Sea Transport (IMDG) | Not dangerous goods |
| Air Transport (IATA-DGR) | Not dangerous goods |
| None special precautions for user | |



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.

A Chemical Safety Assessment has not been carried out for the substance by the supplier

16. OTHER INFORMATION

Recommended uses and restrictions: Follow the instructions

Full text of R Phrases and H Statements referred to under Sections 2 and 3:

R34 Causes burns
R37 Irritating to respiratory system

Abbreviations and Acronyms

| | |
|------------------------------|---|
| CAS No | Chemicals Abstract Service Registry Number |
| Regulation (EC) No 1272/2008 | Classification, Labelling and packaging |
| Directive 67/548/EEC | Dangerous Substances Directive |
| Directive 91/689/EEC | Directive on Hazardous Waste |
| IMDG Code | International Maritime Dangerous Goods Code |
| ADR | International carriage of dangerous Goods by Road |

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.