



## SAFETY DATA SHEET

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

<b>Product</b>	<b>Seramis Orchid Mist (Revitalising Leaf Spray)</b>
<b>Usage</b>	Plant care product
<b>Supplier</b>	Westland Horticulture Ltd 14 Granville Industrial Estate Granville Road Dungannon County Tyrone BT70 1NJ
<b>Email</b>	<a href="mailto:customerservice@WestlandHorticulture.com">customerservice@WestlandHorticulture.com</a>
<b>Emergency Tel</b>	01480 443789 (UK)

### 2. HAZARDS IDENTIFICATION

#### Classification of the Substance or Mixture According to Regulation (EC) No 1272/2008:

Not classified

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

Hazard Pictograms	None
Signal Word	None
Hazard Statements	None
Precautionary Statements	None
Other hazards	None

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Description**      Aqueous nutrient solution

This product does not contain any ingredients classified as hazardous substances



#### 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 person to fresh air.  
Keep patient warm and at rest.
- Skin Contact:** Wash off with soap and plenty of water.  
Get medical advice if irritation develops
- Eye Contact:** Rinse with plenty of water, also under the eyelids, for at least 15 minutes.  
Remove contact lenses and continue flushing.  
Get medical attention if irritation occurs.
- Ingestion:** Rinse out mouth with water.  
If symptoms occur or after swallowing larger quantities, consult a doctor.  
Do not induce vomiting at least directed to do so by medical personnel.
- Information for doctor:** Symptomatic treatment. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.  
No further relevant information available.

#### 5. FIRE FIGHTING MEASURES

- Suitable Extinguishing Media:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.  
The product is not combustible and does not support any combustion.
- Unsuitable Extinguishing Media:**  
None
- Specific Hazards Arising From the Substance or Mixture:**  
No specific hazards known.
- Special Protective Equipment for Fire Fighters:**  
Wear self-contained respiratory protective device.
- Further Information:**  
Dispose of fire debris and contaminated water in accordance with official regulations.  
Collect contaminated fire fighting water separately. It must not enter the sewage system.



## 6. ACCIDENTAL RELEASE MEASURES

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

Do not allow product to reach sewage system or any water course.  
Dilute with plenty of water.  
The following information refer to the leakage of large quantities.  
Do not allow to penetrate the ground / soil.

### **Environmental Precautions:**

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.  
Inform the relevant authorities if the product has caused environmental pollution.

### **Methods and Materials for Containment and Cleaning Up:**

For small spill, absorb main quantity with cloth.

For large spill, absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Make sure to recycle or dispose of in a suitable receptacles.

**Additional Advice:** If large quantities of the product contaminates water courses or drains (including via contaminated soil & vegetation), inform respective authorities.

### **Reference to other sections:**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## 7. HANDLING AND STORAGE

### **Handling:**

- Avoid contact with eyes and skin.
- Do not eat, drink or smoke when using this product.
- Take off contaminated clothing and wash before reuse.
- Wash hands forearms and face and observe good hygiene practice after handling this product.
- Do not breathe aerosol or vapors.

### **Storage:**

- Store in original container at ambient temperature.
- Keep container tightly closed and sealed until ready for use.
- Keep away from foodstuffs, feed, oxidizing agents.

### **Specific End Uses:**

Use as plant care product.

---

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control Parameters

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

### Exposure Controls

**Engineering Measures:** Good general ventilation should be sufficient to control worker exposure to airborne contaminants.  
Avoid high dust concentration and provide ventilation where necessary.

**Protective Measures:** 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 to avoid liquid splashes.  
When selecting personal protective equipment, seek appropriate professional advice.  
Personal protective equipment should be certified to appropriate standards.

**Respiratory Protection:** Not required.

**Hand Protection:** At longer contact, protective gloves.  
To avoid skin problems reduce the wearing of gloves to the required minimum.  
After use of gloves, apply skin-cleaning agents and skin cosmetics.  
If used properly, not required for consumers.

**Eye Protection:** Wear eye protection when a risk assessment indicates this is necessary to avoid exposure to liquid splashes.

**Skin and Body Protection:** Protecting work clothing should be selected based on the task being performed and the risks involved.

### Environmental exposure controls:

If large quantities of the product contaminates water courses or drains (including via contaminated soil & vegetation), inform respective authorities.



## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Slightly yellowish Liquid  
**Odour:** Characteristic

**Other Properties:**

	Value	Temperature
Bulk density	1.00 g/ml	20 C
pH (1%)	6.5 – 7.5	20 C
Miscibility with water	Fully miscible	

Flammability Not flammable

## 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable under normal conditions of storage, handling and use.

**Hazardous Reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

**Hazardous Decomposition:** No decomposition if used according to specifications.

**Incompatible Materials:** No further relevant information available.

**Conditions to Avoid:** No further relevant information available.

## 11. TOXICOLOGICAL INFORMATION

**Acute Toxicity:** No toxicity data are available for the product itself.

**Acute Oral Toxicity:** Unknown.

**Acute Dermal Toxicity:** Unknown.

**Skin Irritation:** No known significant effects or critical hazards.

**Eye Irritation:** No known significant effects or critical hazards.

**Respiratory or Skin Sensitization:** Non sensitizing.

**Long Term Toxicity:** No classification.

**STOT** No known significant effects or critical hazards for single and repeated exposure.

**Further Information:** Not information available.



## 12. ECOLOGICAL INFORMATION

### Toxicity

There are no ecotoxicological values available.

### Persistence and Degradability

**Biodegradability:** Readily biodegradable.

**Mobility in Soil:** Not available.

**Bioaccumulative Potential:** Not applicable.

**Results of PBT and vPvB assessment:** Not applicable.

**Other Dangerous Effects:** No further relevant information available.

## 13. DISPOSAL CONSIDERATIONS

### Product:

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

This material must be disposed of in a safe way.

**Contaminated Packaging:** The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. Empty the bag by shaking to remove as much as possible of its contents. Empty bags may be disposed of as non-hazardous material or returned for recycling.

The container must be disposed of in a safe way.

## 14. TRANSPORT INFORMATION

**Land Transport (ADR /RID)** Not dangerous goods

**Maritime Transport (IMDG)** Not dangerous goods

**Air Transport (IATA-DGR)** Not dangerous goods



## 15. REGULATORY INFORMATION

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

National regulations

Water Hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water

**Chemical Safety assessment:** A Chemical Safety Assessment has not been carried out.

## 16. OTHER INFORMATION

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

### Full texts of abbreviated H Statements refer to under Section 3:

Not applicable

### Full text of Classifications

**CLP/GHS:** Not applicable

### Abbreviations and Acronyms

ADR	International Carriage of Dangerous Goods by Road
CAS No	Chemicals Abstract Service Registry Number
CLP	Classification, Labelling and Packaging Regulation [ Regulation (EC) No. 1272/2008]
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
vPvB	Very Persistent and Very Bioaccumulative
RID	International Transport of Dangerous Goods by Rail
vPvB	Very Persistent and Very Bioaccumulative Properties

### 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.