



## SAFETY DATA SHEET

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

**Product** Seaweed Enhanced

**Usage** Garden Fertiliser

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

**Email** [customerservice@WestlandHorticulture.com](mailto:customerservice@WestlandHorticulture.com)

**Emergency Tel** 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:**

Not applicable

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Description** Garden fertiliser NPK 3.6 – 4.8 – 1.4

#### Hazardous Ingredients

Ingredient	Identifiers	Concentration %W/W	Warning Symbols	Regulation (EC) No 1272/2008 (CLP)
Silicone dioxide	CAS 7631-89-9 EC: 231-545-4	15 – 25 %		Substance with Workplace Exposure Limit

See Section 16 for the full text of the H statements declared above



#### 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.  
Get medical advice if symptoms persist or develop
- Skin Contact:** Wash off with soap and plenty of water.  
Get medical advice if irritation persists or develop
- 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 symptoms persist or develop
- Ingestion:** Do not induce vomiting unless directed to do so by medical personnel  
Rinse out mouth and then drink water  
Get medical attention if symptoms persist or develop
- Treatment (Medical Advice):** Information not available

#### 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:**

Use foam, carbon dioxide, dry powder or sand  
The mixture is not classified as flammable; as such extinguishing media should be chosen as appropriate for surrounding materials.

**Specific Hazards Arising From the Substance or Mixture:**

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:**

Cool endangered containers with water spray  
Do not allow molten material or 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



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## 6. ACCIDENTAL RELEASE MEASURES

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

Avoid formation / breathing of dust  
Avoid contact with skin and eyes  
Ensure adequate ventilation  
Use Personal Protective Equipment: coveralls, gloves and eye/face protection

### **Environmental Precautions:**

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers

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

Vacuum or sweep up material.  
Place into suitable labelled containers for disposal according to local / national regulations

**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 8 for information on personal protection equipment  
See Section 13 for disposal information

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## 7. HANDLING AND STORAGE

### **Handling:**

- Prevent dust formation and inhalation
- Avoid contact with eyes and skin
- Wear gloves when handling the product over long periods of time
- Do not eat, drink or smoke when using this product
- Take off contaminated clothing and wash before reuse
- Avoid unnecessary exposure to atmosphere to prevent moisture pick up
- Wash hands and observe good hygiene practice after handling this product

### **Storage:**

- Keep containers closed tightly in a dry, cool and well-ventilated place.
- Keep product in original labeled containers
- Storage areas should be appropriately sited to prevent contamination of drains or watercourses
- Keep out of the reach of children

### **Specific End Uses:**

Use as a fertiliser according to the instruction on the label



## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control Parameters

Ingredients with limit values that require monitoring at the workplace:

Ingredient	Work Exposure Limit (WEL)	
	Long-term Exposure Limit (8-hr TWA reference period)	Occupational Exposure Standard (OES)
Total dust		10 mg/m <sup>3</sup>
Respirable dust		5 mg/m <sup>3</sup>
Silica, respirable crystalline	0.1 mg/m <sup>3</sup>	

### Exposure Controls

**Engineering Measures:** No special ventilation requirements.  
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  
When selecting personal protective equipment, seek appropriate professional advice  
Personal protective equipment should be certified to appropriate standards

**Respiratory Protection:** Not necessary if room is well ventilated  
Use suitable dust respirator if dust concentration is high (Filter P2)

**Hand Protection:** Wear suitable gloves complying with EN420 if a risk assessment indicates this is necessary

**Eye Protection:** Wear safety glasses complying with EN166 as a minimum

**Skin and Body Protection:** Protecting work clothing



## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Solid, brown granules and black dry seaweed mixture

**Odour:** Seaweed, Characteristic

**Other Properties:**

	Value	Temperature
pH (100g/l)	5.7 – 6.7	20 °C
Density	0.8 kg/l	

**Explosive Properties:** Product not classified as flammable or explosive

**Oxidising Properties:** Product not classified as oxidising

## 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:** Heating or fire can release toxic or irritant vapours and fumes

**Incompatible Materials:** Information not available

**Conditions To Avoid:** None specified

## 11. TOXICOLOGICAL INFORMATION

The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

**Acute Toxicity:** Not expected to be toxic, however if large quantities are ingested, seek medical advice.

**Skin Irritation:** The mixture is not classified as skin irritant based on formulation components

**Serious Eye Irritation:** The mixture is not classified for eye damage based on formulation components

**Respiratory or Skin Sensitization:** The mixture is not classified as a sensitizer based on formulation components

**Long Term Toxicity:** The mixture is not classified as mutagenic, carcinogen, reproductive toxic or aspiration hazard based on formulation components

**STOT- repeated exposure:** No information available on mixture



## 12. ECOLOGICAL INFORMATION

The mixture has not been tested.

**Ecotoxicity:** The mixture is not classified as hazardous to the environment based on formulation components

**Persistence and Degradability:** No information available on mixture

**Bioaccumulative Potential:** No information available on mixture

**Mobility in Soil:** No information available on mixture

**PBT and vPvB assessment:** No information available on mixture

**Other Data:** Information not available

## 13. DISPOSAL CONSIDERATIONS

**Product:** Do not contaminate ponds, waterways or ditches with significant quantities of product  
Check if agriculture use is possible. Dispose of by use on farm as a fertiliser, 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 or disposed of in compliance with applicable local regulations

## 14. TRANSPORT INFORMATION

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

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

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

**Special precautions for user:** None

## 15. REGULATORY INFORMATION

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

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

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



## 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**

Not applicable

### 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

### 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.