



# Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH)

Trade name: Westland Specialist Seaweed liquid plant food

Version: 1.0

Revision date: 15.09.2020

Print date: 15.09.2020

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

**1.1 Product** Westland Specialist Seaweed liquid Plant Food

**1.2 Relevant Identified uses** Liquid fertiliser

**1.3 Details of supplier** Westland Horticulture Ltd  
14 Granville Industrial Estate  
Granville Road  
Dungannon  
County Tyrone  
BT70 1NJ

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

**1.4 Emergency Telephone Number** 01480 443789 (UK) 24hrs

## 2. HAZARDS IDENTIFICATION

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

Not classified

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

Hazard Pictograms Not applicable

Signal Word Not applicable

Hazard Statements Not applicable

Precautionary Statements

P101 If medical advice is needed, have product container or label at hand

P102 Keep out of reach of children

P103 Read label before use

**Supplemental Hazard information:** none

**Special rules for supplemental label elements for certain mixtures:** none

**Additional labelling:** none



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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances N/A

### 3.2 Mixtures

**Description** Liquid fertiliser

### Hazardous Ingredients

This mixture does not contain any ingredients classified as hazardous substances

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

**General Information:** 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 attention if symptoms occur

**Skin Contact:** Take off all contaminated clothing and shoes.  
Wash off with plenty of water.  
Get medical attention if symptoms occur

**Eye Contact:** Rinse immediately 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:** Wash out mouth with water  
Do NOT induce vomiting at least directed to do so by medical personnel  
Give small quantities of water to drink if person is conscious  
Get medical attention if symptoms occur

### 4.2 Most Important symptoms and effects, both acute and delayed:

No known significant effects or critical hazards

### 4.3 Indication of any immediate medical attention and special treatment needed

No specific treatment. Treat symptomatically



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## 5. FIRE FIGHTING MEASURES

### 5.1 Extinguishing Media:

Suitable extinguishing media for the surrounding fire should be used

### 5.2 Special hazards arising from the substance or mixture

As the product contains combustible organic components, fire will produce hazardous products of combustion such as carbon monoxide, carbon dioxide, nitrogen oxides, metal oxides, ammonia or halogenated compounds. Exposure to decomposition products may be a hazard to health

In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours

### 5.3 Advice for Fire Fighters:

Wear full protective clothing and self-contained breathing apparatus.

### Additional Information:

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

In a fire or if heated, pressure increase will occur and the container may burst. Cool closed containers exposed to fire with water spray.

## 6. ACCIDENTAL RELEASE MEASURES

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

Refer to protective measures listed in sections 7 and 8.

Do not touch or walk through spilled material

Keep unnecessary and unprotected personnel from entering the area

### 6.2 Environmental Precautions:

Prevent further leakage or spillage if safe to do so.

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

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

Contain spillage, and then collect with non-combustible absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations

### 6.4 Reference to other sections

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



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## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling:

#### Protective measures

- Avoid contact with skin, eyes and clothing
- When using do not eat, drink or smoke
- Wash hands thoroughly after work and before eating, drinking or smoking

### 7.2 Conditions for safe storage, including any incompatibilities:

- Keep containers closed tightly in a dry, cool and well-ventilated place.
- Keep out of the reach of children
- Keep away from food, drink and animal feed stuffs
- Keep protected from direct sunlight
- Use appropriate containment to avoid environmental contamination

**7.3 Specific End Uses:** Use only as a fertiliser according to the instruction on the label

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control Parameters

**8.1.1 Occupational exposure limits:** Contains no substances with occupational exposure limit values

**8.1.2 Biological limit values:** N/A

**8.1.3 Exposure limits at intended use:** : N/A

**8.1.4 DNEL/PNEC-values:** N/A

### 8.2 Exposure Controls

**8.2.1 Appropriate engineering controls:** None required

### 8.2.2 Personal protective equipment:

**Respiratory Protection:** No personal respiratory protective equipment normally required.  
A particulate filter respirator may be necessary when a risk assessment indicates this is necessary



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**Hand Protection:** Wear chemical resistant gloves when handling the product over long periods or if a risk assessment indicates this is necessary.

**Eye/Face Protection:** Eye protection is not usually required  
Wear eye protection when a risk assessment indicates this is necessary to avoid exposure to liquid splashes or mists  
Follow any site specific eye protection policies

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

**8.2.3 Environmental exposure controls:** None

**Consumer exposure control:** None

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

**Appearance:** Dark brown liquid

**Physical state:** liquid

**Colour:** dark brown

**Odour:** slight ammoniacal

**Odour threshold:** none

### 9.2 Other information:

|                                     | Value   | Concentration | Method | Temperature | Pressure | Remark |
|-------------------------------------|---------|---------------|--------|-------------|----------|--------|
| pH                                  | 6.0-7.0 | -             | -      | 20°C        | -        | -      |
| Melting point/freezing point        | -       | -             | -      | -           | -        | -      |
| Initial boiling point/boiling range | -       | -             | -      | -           | -        | -      |
| Flash point                         | -       | -             | -      | -           | -        | -      |



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|                                              |          |   |   |      |   |   |
|----------------------------------------------|----------|---|---|------|---|---|
| Evaporation rate                             | -        | - | - | -    | - | - |
| Flammability (solid, gas)                    | -        | - | - | -    | - | - |
| Upper/lower flammability or explosive limits | -        | - | - | -    | - | - |
| Upper explosive limits                       | -        | - | - | -    | - | - |
| Lower explosive limits                       | -        | - | - | -    | - | - |
| Vapour pressure                              | -        | - | - | -    | - | - |
| Vapour density                               | -        | - | - | -    | - | - |
| Relative density                             | 1.19g/ml | - | - | 20°C | - | - |
| Solubility(ies)                              | -        | - | - | -    | - | - |
| Partition coefficient: n-octanol/water       | -        | - | - | -    | - | - |
| Auto-ignition temperature                    | -        | - | - | -    | - | - |
| Decomposition temperature                    | -        | - | - | -    | - | - |
| Viscosity                                    | -        | - | - | -    | - | - |
| Viscosity, dynamic                           | -        | - | - | -    | - | - |
| Viscosity, cinematic                         | =        | = | = | =    | - | - |
| Explosive properties                         | -        | - | - | -    | - | - |
| Oxidising properties                         | -        | - | - | -    | - | - |

Physical hazards: N/A

## 10. STABILITY AND REACTIVITY

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

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

**10.3 Hazardous Decomposition:** Heating or fire can release toxic or irritant vapours and fumes

**10.4 Conditions To Avoid:** No specific data

**10.5 Incompatible Materials:** Urea reacts with calcium hypochlorite or sodium hypochlorite to form explosive nitrogen trichloride if in large quantities

**10.6 Hazardous decomposition products:** Urea reacts with calcium hypochlorite or sodium hypochlorite to form explosive nitrogen trichloride if in large quantities



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## 11. TOXICOLOGICAL INFORMATION

### Toxicokinetics, metabolism and distribution

#### 11.1 Information on toxicological effects

**Acute Toxicity:** Mixture not classified for acute toxicity

**Skin Irritation:** The mixture is not classified as skin irritant

**Serious Eye Irritation:** The mixture is classified for eye irritation

**Respiratory or Skin Sensitization:** The mixture is not classified as a sensitizer

#### CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

The mixture is not classified as mutagenic, carcinogen, reproductive toxic or teratogenic hazard

**Aspiration hazard:** Based on available data, the classification criteria are not met.

## 12. ECOLOGICAL INFORMATION

**12.1 Toxicity:** No known significant effects or critical hazards

**12.2 Persistence and Degradability:** Readily biodegradable in plants and soils. The product does not show any bioaccumulation phenomena

**12.3 Bioaccumulative Potential:** No known significant effects or critical hazards

**12.4 Mobility in Soil:** Not available

**12.5 PBT and vPvB assessment:** Not applicable

**12.6 Other adverse effects:** No known significant effects or critical hazards



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## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

**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.

If recycling is not practicable, dispose of in compliance with local regulations.

**Contaminated Packaging:** Empty remaining contents.

Triple rinse containers. The rinse water should be added to the final solution. It must not be put down the drain, sink or toilet

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<br>(ADR/RID) | Inland<br>waterwaytransport<br>(ADN) | Sea<br>transport<br>(IMDG) | Air transport<br>(ICAO-TI /<br>IATA-DGR) |
|----------------------------------------|-----------------------------|--------------------------------------|----------------------------|------------------------------------------|
| <b>14.1 UN No.</b>                     | Not dangerous<br>goods      | Not dangerous<br>goods               | Not<br>dangerous<br>goods  | Not<br>dangerous<br>goods                |
| <b>14.2 UN Proper shipping name</b>    | Not dangerous<br>goods      | Not dangerous<br>goods               | Not<br>dangerous<br>goods  | Not<br>dangerous<br>goods                |
| <b>14.3 Transport hazard class(es)</b> | Not dangerous<br>goods      | Not dangerous<br>goods               | Not<br>dangerous<br>goods  | Not<br>dangerous<br>goods                |
| <b>Hazard label(s)</b>                 | Not dangerous<br>goods      | Not dangerous<br>goods               | Not<br>dangerous<br>goods  | Not<br>dangerous<br>goods                |
| <b>14.4 Packing group</b>              | Not dangerous<br>goods      | Not dangerous<br>goods               | Not<br>dangerous<br>goods  | Not<br>dangerous<br>goods                |
| <b>14.5 Environmental hazards</b>      | Not dangerous<br>goods      | Not dangerous<br>goods               | Not<br>dangerous<br>goods  | Not<br>dangerous<br>goods                |



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**14.6 Special precautions for user:** None

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

**Additional information** N/A

## 15. REGULATORY INFORMATION

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

### 15.1.1 EU regulations

This mixture is classified and labelled according to the CLP Regulation (EC) No 1272/2008

**15.2 Chemical Safety Assessment:** This product does not contain substances for which Chemical Assessments are required

## 16. OTHER INFORMATION

**16.1 Indication of changes – none**

### 16.2 Abbreviations and Acronyms

|                              |                                                                            |
|------------------------------|----------------------------------------------------------------------------|
| ADR                          | International Carriage of Dangerous Goods by Road                          |
| CAS No                       | Chemicals Abstract Service Registry Number                                 |
| Directive 67/548/EEC         | Dangerous Substances Directive (DSD)                                       |
| 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                        |

**16.3 Key literature references and sources for data:** Unknown

**16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP]:**  
See SECTION 2.1 (classification).



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**16.5 Full texts of abbreviated H Statements referred to under Section 3:** Not applicable

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

## 16.7 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 Directive 1999/45/EC, 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.