

# Safety Data Sheet

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



Trade name: Westland Rooting Gel

Version: 2.0

Revision date: 08.01.2021

Print date: 08.01.2021

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

**1.1 Product Identifier**      **Westland Organic Rooting Gel**

### 1.2 Relevant Identified Uses of the Mixture

**Usage**      Rooting aid

### 1.3 Details of the supplier of the safety data sheet:

**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) 24 Hours

## 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      None

Signal Word      None

Hazard Statements      None

**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

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**3.1 Substances** N/A

**3.2 Mixtures** N/A

**Description** Gel

### Hazardous Ingredients

This mixture does not contain any ingredients classified as hazardous substances

## 4. FIRST AID MEASURES

**4.1 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:

Water spray, alcohol resistant foam, dry chemical or CO<sub>2</sub>. Suitable extinguishing media for the surrounding fire should be used.

**Unsuitable extinguishing media:** High volume water jet

### 5.2 Specific Hazards Arising From the Substance or Mixture:

As the product contains 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.

### Further 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

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

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

- 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, heat sources, combustible materials and strong oxidizing agents

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

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control Parameters

**8.1.1** Contains no substances with occupational exposure limit values

**8.1.2 Biological limit values:** no data

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

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

**8.15 Risk management measures according to used control banding approach:** N/A

### 8.2 Exposure Controls

**8.2.1 Appropriate engineering controls:** None

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## 8.2.2 Personal protective equipment:

**Eye 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

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

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

**Thermal hazards:** None

## 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:** Thick off-white opaque gel

**Physical state:** Semi-solid gel

**Colour:** Off-white

**Odour:** Characteristic

**Odour threshold:** None

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## 9.2 Other information:

	Value	Concentration	Method	Temperature	Pressure	Remark
pH	<b>6.0-8.0</b>	No data	No data	<b>20°C</b>	No data	No data
Melting point/ freezing point	No data	No data	No data	No data	No data	No data
Initial boiling point/boiling range	No data	No data	No data	No data	No data	No data
Flash point	No data	No data	No data	No data	No data	No data
Evaporation rate	No data	No data	No data	No data	No data	No data
Flammability (solid, gas)	No data	No data	No data	No data	No data	No data
Upper/lower flammability or explosive limits	No data	No data	No data	No data	No data	No data
Upper explosive limits	No data	No data	No data	No data	No data	No data
Lower explosive limits	No data	No data	No data	No data	No data	No data
Vapour pressure	No data	No data	No data	No data	No data	No data
Vapour density	No data	No data	No data	No data	No data	No data
Relative density	<b>1.0g/ml</b>	No data	No data	<b>20°C</b>	No data	No data
Solubility(ies)	No data	No data	No data	No data	No data	No data
Partition coefficient: n-octanol/water	No data	No data	No data	No data	No data	No data
Auto-ignition temperature	No data	No data	No data	No data	No data	No data
Decomposition temperature	No data	No data	No data	No data	No data	No data
Viscosity	No data	No data	No data	No data	No data	No data
Viscosity, dynamic	No data	No data	No data	No data	No data	No data
Viscosity, cinematic	No data	No data	No data	No data	No data	No data
Explosive properties	No data	No data	No data	No data	No data	No data
Oxidising properties	No data	No data	No data	No data	No data	No data

**Physical hazards: None**

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## 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 Possibility of hazardous reactions:** Heating or fire can release toxic or irritant vapours and fumes

**10.4 Conditions to Avoid:** Avoid release to the environment; Extremes of heat and direct sun light

**10.5 Incompatible Materials:** Strong oxidizing agents

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

## 11. TOXICOLOGICAL INFORMATION

### Toxicokinetics, metabolism and distribution

#### 11.1 Information on toxicological effects

This product has not been tested, this data has been calculated

#### Acute toxicity

**Assessment / Classification:** Mixture not classified for acute toxicity

#### Skin corrosion/irritation

**Assessment / Classification:** The mixture is not classified as skin irritant

#### Eye damage/irritation

**Assessment / Classification:** The mixture is not classified for eye irritation

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

**Overall assessment on CMR properties:** Based on available data, the classification criteria are not met.

#### Aspiration hazard

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**Assessment / Classification:** Based on available data, the classification criteria are not met.

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

**Long Term Toxicity:** The mixture is not classified as mutagenic, carcinogen, reproductive toxic or teratogenic hazard

**STOT- repeated exposure:** No known significant effects or critical hazards

## 12. ECOLOGICAL INFORMATION

### 12.1 Aquatic toxicity: None

**Assessment / Classification:** No known significant effects or critical hazards

### 12.2 Persistence and degradability

**Biodegradation:** Readily biodegradable in plants and soils.

**Abiotic Degradation:** No data

**Assessment / Classification:** No known significant effects or critical hazards

### 12.3 Bioaccumulative potential

**Bioconcentration factor (BCF)**

**Assessment / Classification:** The product does not show any bioaccumulation phenomena

### 12.4 Mobility in soil

**Assessment / Classification:** No data

### 12.5 Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII and is therefore not classified

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



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**Additional ecotoxicological information:** None

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

**Product disposal:** 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.

**Waste codes / waste designations according to EWC / AVV:** Not available

**Packaging:** Empty remaining contents.

Triple rinse containers. The rinse water can be used to water plants by mixing with compost.

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.

**Waste treatment options:** See above

**Other disposal recommendations:** None

**Additional information:** None

## 14. TRANSPORT INFORMATION

	Land transport (ADR/RID)	Inland waterway transport (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
<b>14.1 UN No.</b>	Not dangerous goods	Not dangerous goods	Not dangerous goods	Not dangerous goods

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<b>14.2 UN Proper shipping name</b>	Not dangerous goods	Not dangerous goods	Not dangerous goods	Not dangerous goods
<b>14.3 Transport hazard class(es)</b>	Not dangerous goods	Not dangerous goods	Not dangerous goods	Not dangerous goods
<b>Hazard label(s)</b>	Not dangerous goods	Not dangerous goods	Not dangerous goods	Not dangerous goods
<b>14.4 Packing group</b>	Not dangerous goods	Not dangerous goods	Not dangerous goods	Not dangerous goods
<b>14.5 Environmental hazards</b>	Not dangerous goods	Not dangerous goods	Not dangerous goods	Not dangerous goods

**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:** None

## 15. REGULATORY INFORMATION

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

**15.1.1 EU regulations**

**Authorisations and/or restrictions on use:** None

**Other EU regulations:** This mixture is classified and labelled according to the CLP Regulation (EC) No 1272/2008

**Directive 2010/75/EC on industrial emissions:** N/A

**Regulation (EC) No. 842/2006 on certain fluorinated greenhouse gases:** N/A

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**15.2 Chemical Safety Assessment:** For this substance a chemical safety assessment is not required.

## 16. OTHER INFORMATION

**16.1 Indication of changes:** revised and updated

### 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:** None

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

See SECTION 2.1 (classification).

**16.5 Relevant R-, H- and EUH-phrases (number and full text):** Not applicable

**16.6 Training advice:** 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 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.

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## 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