



Safety Data Sheet

According to Regulation (EC) No 453/2010 (REACH); 1272/2008

Trade name: . Westland Hydroleca

Version:1.0

Revision date: 12.07.2018

Print date: 12.07.2018

SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier: Westland Hydroleca

1.2. Relevant identified uses: growing media component

1.3 Details of the supplier of the safety data sheet:

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

Email: customerservice@WestlandHorticulture.com

1.4 EMERGENCY TELEPHONE NUMBER: +44 1480 443789 (UK) 24hrs

SECTION 2: Hazards Identification

2.1. Classification of the substance or mixture according to Regulation (EC) No 1272/2008:
Not classified

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]

Hazard Pictograms	None
Signal Word	None
Hazard Statements	None
Precautionary Statements	None



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SECTION 3. Composition/Information on Ingredients

3.1 Substances: N/A

3.2 Mixtures

Description Inert ceramic product (fired clay)

Hazardous Ingredients None

Additional information: None

SECTION 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 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.

4.2 Most important symptoms and effects, both acute and delayed

None

4.3 Indication of any immediate medical attention and special treatment needed



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None

SECTION 5: Fire Fighting Measures

5.1 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.

5.2 Special hazards arising from the substance or mixture

None

5.3 Advice for fire-fighters

Wear full protective clothing and self-contained breathing apparatus if required

Additional information:

If fire run-off water enters drains or water course, inform the appropriate water authorities immediately

SECTION 6: Accidental Release Measures

6.1 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 and gloves.

6.2 Environmental precautions:

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

6.3 Methods and material for containment and cleaning up

Vacuum or sweep up material.

Place into suitable labelled containers for disposal according to local / national regulations

SECTION 7: Handling and Storage

7.1 Precautions for safe 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



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- 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

7.2 Conditions for safe storage, including any incompatibilities

- Keep containers closed tightly in a dry, cool and well-ventilated place.
- Keep product in original labelled containers
- Keep out of the reach of children

7.3 Specific end uses:

Use as a Growing media component or as a decorative top potting.

SECTION 8: Exposure Controls/Personal Protection

8.1 Control parameters

8.1.1 Occupational exposure limits: None

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

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

8.2 Exposure controls

8.2.1 Appropriate engineering controls: No special ventilation requirements.
Avoid high dust concentration and provide ventilation where necessary

8.2.2 Personal protective equipment:

Respiratory Protection: Not required.

Hand Protection: Not required.

Eye Protection: Not required.



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Skin and Body Protection: Protective work clothing

8.2.3 Environmental exposure controls: N/A

SECTION 9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance: solid grey/pink balls

Physical state: solid

Colour: grey/pink

Odour: odourless

Odour threshold: none

9.2 Other information:

	Value	Concentration	Method	Temperature	Pressure	Remark
pH	8.0-9.0	-	-	20 °C	-	-
Melting point/freezing point	-	-	-	-	-	-
Initial boiling point/boiling range	-	-	-	-	-	-
Flash point	-	-	-	-	-	-
Evaporation rate	-	-	-	-	-	-
Flammability (solid, gas)	-	-	-	-	-	-
Upper/lower flammability or explosive limits	-	-	-	-	-	-
Upper explosive limits	-	-	-	-	-	-
Lower explosive limits	-	-	-	-	-	-
Vapour pressure	-	-	-	-	-	-
Vapour density	-	-	-	-	-	-
Relative density	5.65kg/l	-	-	-	-	-
-Solubility(ies)	insoluble	-	-	-	-	-
Partition coefficient: n-octanol/water	-	-	-	-	-	-
Auto-ignition temperature	-	-	-	-	-	-
Decomposition temperature	-	-	-	-	-	-
Viscosity	-	-	-	-	-	-
Viscosity, dynamic	-	-	-	-	-	-
Viscosity, cinematic	-	-	-	-	-	-
Explosive properties	-	-	-	-	-	-
Oxidising properties	-	-	-	-	-	-



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Physical hazards: None

SECTION 10: Stability and Reactivity

10.1 Reactivity: Stable under normal conditions of storage, handling and use

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

10.3 Possibility of hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4 Conditions to avoid: None specified

10.5 Incompatible materials: Information not available

10.6 Hazardous decomposition products:

No decomposition if used according to specifications. No dangerous decomposition products known.

SECTION 11: Toxicological Information

Toxicokinetics, metabolism and distribution

11.1 Information on toxicological effects

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

Skin Corrosion/ Irritation: Based on available data, the classification criteria are not met .

Eye Damage/ Irritation: Based on available data, the classification criteria are not met.

Respiratory/Skin Sensitization: Based on available data, the classification criteria are not met.

CMR effects (carcinogenity, mutagenicity and toxicity for reproduction):

Based on available data, the classification criteria are not met.

Other information: None



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SECTION 12: Ecological Information

12.1 Toxicity: No further relevant information available

12.2 Persistence and degradability: No further relevant information available

12.3 Bioaccumulative potential: No further relevant information available

12.4 Mobility in soil: No further relevant information available

12.5 Results of PBT and vPvB assessment: No further relevant information available

12.6 Other adverse effects: No further relevant information available

SECTION 13: Disposal Considerations

13.1 Waste treatment methods

Product: Smaller quantities can be disposed of with household waste.

Check if agriculture use is possible. 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



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SECTION 14: Transport Information

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

SECTION 15: Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

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



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15.2 Chemical Safety Assessment:

For this substance a chemical safety assessment is not required.

SECTION 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
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: Westland Horticulture Ltd

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): N/A

16.6 Training advice: Follow the instructions

16.7 Further information:

MSDS information:

This Safety data sheet is compiled using data submitted for raw materials and practical experience. This Safety Data Sheet is prepared in compliance with Regulation 1272/2008 and Annex I of the REACH regulation as amended by Regulation 1907/2006

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.