



Safety Data Sheet

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

Trade name: Composted Bark

Version:1.0

Revision date: 12.2.2018

Print date:12.2.2018

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

1.1 Product Composted Bark

1.2 Relevant identified uses Mulching

1.3 Details of the supplier of the safety data sheet:

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

Email customerservice@WestlandHorticulture.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:

Not applicable

2.3 Other hazards: No physical, chemical, environmental or human health hazards known

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances: N/A



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3.2 Mixtures

Description Composted spruce bark (nominal 0-8mm)

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

This product does not contain any ingredients classified as hazardous substances

Additional information: None

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.
Get medical advice if any symptoms occur or persist

Inhalation: Move person to fresh air.
Keep patient warm and at rest.

Skin Contact: Wash off with soap and plenty of water.

Eye Contact: Rinse with plenty of water, also under the eyelids, for at least 15 minutes.
Remove contact lenses and continue flushing.

Ingestion: Rinse out mouth and then drink water

4.2 Most important symptoms and effects, both acute and delayed: None

4.3 Indication of any immediate medical attention and special treatment needed:
No specific effects and/or symptoms have been reported or known

5. FIRE FIGHTING MEASURES

5.1 Extinguishing Media:

All types of extinguishing agent permitted



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Special hazards arising from the substance or mixture:

Fire may produce hazardous products of combustion such as carbon monoxide
Exposure to decomposition products may be a hazard to health.

Advice for Fire Fighters:

Wear full protective clothing and self-contained breathing apparatus.

Further Information: None

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Avoid formation / breathing of dust
No specific personal protection equipment is required
Ensure adequate ventilation

6.2 Environmental Precautions:

Not applicable

6.3 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

6.4 Reference to other sections

Additional information: None

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

- Prevent dust formation and inhalation
- Avoid contact with eyes
- Wash hands and observe good hygiene practice after handling this product

7.2 Conditions for safe storage, including any incompatibilities

- Keep product in original labelled containers
- Keep product in a cool, dry and well ventilated place



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7.3 Specific End Uses:

Use as decorative bark according to the instruction on the bag

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

8.1.1 Occupational exposure limits: N/A

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:

No ingredients with limit values that require monitoring at the workplace

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 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 or if a risk assessment indicates this is necessary. (Filter P2)

Hand Protection: Not required

Eye Protection: Wear eye protection when a risk assessment indicates this is necessary to avoid exposure to dust. Safety glasses complying with EN166 as a minimum



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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: light to dark brown bark chippings

Physical state: solid wood

Colour: light to dark brown

Odour: wood characteristic

Odour threshold: unknown

9.2 Other Properties:

	Value	Concentration	Method	Temperature	Pressure	Remark
pH	-	-	-	-	-	-
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	-	-	-	-	-	-



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Relative density	400-600g/L	-	-	-	-	-
Solubility(ies)	-	-	-	-	-	-
Partition coefficient: n-octanol/water	-	-	-	-	-	-
Auto-ignition temperature	-	-	-	-	-	-
Decomposition temperature	-	-	-	-	-	-
Viscosity	-	-	-	-	-	-
Viscosity, dynamic	-	-	-	-	-	-
Viscosity, cinematic	-	-	-	-	-	-
Explosive properties	-	-	-	-	-	-
Oxidising properties	-	-	-	-	-	-

Physical hazards:

Flammable aerosols: Testing is not required for foam aerosols or spray aerosols

Flammable solids: no data

Oxidising solids: no data

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: Extremes of temperature, moisture and combustible substances

10.5 Incompatible materials: None known

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



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11. TOXICOLOGICAL INFORMATION

Toxicokinetics, metabolism and distribution

11.1 Information on toxicological effects

Acute Toxicity: Product not classified for acute toxicity

Skin Irritation: The product is not classified as skin irritant

Serious Eye Irritation: The product is not classified for eye damage

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

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

The product is not classified as mutagenic, carcinogen, reproductive toxic or aspiration hazard

12. ECOLOGICAL INFORMATION

12.1 Toxicity:

Aquatic toxicity: Not toxic

Sediment toxicity: Not toxic

Terrestrial toxicity: Not toxic

Assessment / Classification: The product is not classified for environmental hazard. The product is biodegradable

12.2 Persistence and Degradability: Not applicable

12.3 Bioaccumulative Potential: Not applicable

12.4 Mobility in Soil: Not applicable

12.5 PBT and vPvB assessment: Not applicable

12.6 Other adverse effects: Not applicable



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13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product:

Spread product over land
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

14. TRANSPORT INFORMATION

	Land transport (ADR/RID)	Inland waterway transport (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1 UNNo.	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



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Additional information: None

15. REGULATORY INFORMATION

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

This product is classified in accordance with Regulation 1272/2008 and Regulation (EC) No 1907/2006

15.2 Chemical Safety Assessment: A Chemical Safety Assessment has not been undertaken for this product

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

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):

16.6 Training advice: Follow the instructions

16.7 Further information

Before using this product, ensure that you read and understand its label



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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.