



Growing Media

SECTION 1 – IDENTIFICATION

Product Name: Propagation Mixes, Greenhouse Mixes, Perennial Mixes, Nursery Mixes, Liner Mixes, Tree Mixes, Green Roof Mixes

Recommended Use: Plant growing media

Supplier Information: Gro-Bark (Ontario) Ltd.
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Caledon, ON. L7C 0Y6

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SECTION 2 – HAZARD IDENTIFICATION

Hazard Classification: Based on available information, this material is not classified as hazardous according to the OSHA Hazard Communication Standard or GHS Hazard Classification and Labelling System.

Labeling:

Pictograms: None.

Signal Word: None.

Hazard Statements: None.

Precautionary Statements:

P261 – Avoid breathing dusts.

P271 – Use only outdoors or in a well-ventilated area.

P280 – Wear protective gloves, protective clothing, and eye protection

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Growing Media is created from a mixture various materials common to the horticultural industry. These materials include: peat moss, compost, perlite, aged bark, wood fiber and round stone.

SECTION 4 – FIRST-AID MEASURES

- Inhalation:** Remove person to fresh air. Seek medical attention if breathing difficulty develops or persists.
- Skin Contact:** Wash with warm soapy water. If irritation persists, contact a physician
- Ingestion:** Rinse mouth with copious amounts of water. Do not induce vomiting.
- Eye Contact:** Flush with running water for 15 minutes. If irritation persists, see a physician.

SECTION 5 – FIRE-FIGHTING MEASURES

- Specific Hazards:** Product is non-combustible.
- Suitable Extinguishing Media:** Water, water spray, foam, carbon dioxide, dry powder.
- Protective Equipment and Precautions for Fire-Fighters:** None.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

- Emergency Procedures:** No special precautions required.
- Environmental Precautions:** Avoid deposition in waterways. Carefully clean up spilled material and place the material into a suitable container and hold for reuse or disposal.

SECTION 7 – HANDLING AND STORAGE

- Precautions for Safe Handling:** Avoid skin and eye contact and inhalation of dust.
- Conditions for Safe Storage:** Store material in a dry area at ambient temperatures.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

- Respiratory Protection:** Use approved dust masks or respirator suitable for particulates if mix becomes very dry.
- Skin Protection:** Long-sleeved shirts and long trousers are recommended if skin irritation occurs.
- Eye Protection:** Dust resistant goggles or safety glasses should be worn if there is a risk of dust.
- Engineering Controls:** Work in an open or well ventilated areas. All work with these products should be carried out in such a way as to avoid skin and eye contact and minimize exposure to dust.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Brown to greyish brown blend of natural organic and mineral materials.
Odour:	Earthy, soil-like
Boiling Point:	Not applicable.
Melting Point:	Not applicable.
Vapour Pressure:	Not applicable.
Flashpoint:	Not applicable.
Molecular Weight:	Not applicable.
Specific Gravity:	Varies according to composition and moisture content.
Solubility in Water:	Not soluble.
pH:	3.5 – 7.5

SECTION 10 – STABILITY AND REACTIVITY

Stability:	Material is stable at room temperature under normal storage and handling conditions
Conditions to Avoid:	Avoid flames or high heat and dry compost.
Materials with Which Substance is Incompatible:	None known.
Hazardous Polymerization:	It does not polymerize.
Products of Decomposition:	CO ₂ and H ₂ O.

SECTION 11 – TOXICOLOGICAL INFORMATION

Growing Media is commonly used in the horticultural industry as replacement for soil to grow plants. It is not considered to be carcinogenic or toxic. No toxicity or carcinogenic data was located for the above list media types.

Repeated inhalation may cause irritation, inflammation or sensitization of the respiratory system. The elderly, those with pre-existing respiratory diseases and the immune-compromised are at particular risk from illnesses ranging from hay fever to pneumonia. Skin and eye contact may result in irritation, abrasions, redness and permanent eye damage. Ingestion of large amounts of material may cause gastrointestinal irritation, choking and gastrointestinal blockage.

SECTION 12 – ECOLOGICAL INFORMATION

Environmental Stability:	The material is stable.
Effect of Material on Plants or Animals:	Material can be used as a base for plant growth, add organic matter to soils, and provide nutrients and/or micro nutrients.
Effect of Chemical on Aquatic Life:	No information is available.
Ecotoxicity:	Avoid contaminating waterways.

SECTION 13 – DISPOSAL CONDITIONS

Disposal Methods and Containers:	Normally suitable for disposal at approved land fill site. Dispose of waste product according to Local, Provincial, or Federal government regulation.
Special Precautions:	Not applicable.

SECTION 14 – TRANSPORT INFORMATION

Road and Rail Transport:	Not classified as Dangerous Goods.
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SECTION 15 – REGULATORY INFORMATION

Not applicable.

SECTION 16 – OTHER INFORMATION

The information contained herein is considered accurate and offered only as a guide to the handling of this specific material. This information, does not relate to its use with any other material or product or in any process. No warranty, expressed or implied is made regarding the accuracy of the data or the performance of the material by Gro-Bark (Ontario) Ltd. This Safety Data Sheet is valid for three years from Issue Date.