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Biotic Earth™ Hydraulic Growth Mediums Material Safety Data Sheet

SECTION I PRODUCT IDENTIFICATION

PRODUCT NAME: Verdyol Biotic Earth™, Verdyol Biotic Earth™ Black, and Verdyol Biotic Earth™ Bonded Fiber Matrix - Fiber Content

PRODUCT DESCRIPTION: Verdyol Biotic Earth Hydraulic Growth Mediums fiber matrix is composed of agriculture fibers to include straw, flax, and peat.

EMERGENCY TELEPHONE NUMBERS: Verdyol Plant Research P.O. Box 69 Riverton Manitoba Canada ROC 2R0. Phone: 866-280-7327

SECTION II HAZARDOUS COMPONENTS

The materials used in the manufacturing of these fibrous hydraulic growth medium materials are not hazardous as defined by CFR 1910.1200.

SECTION III FIRST AID & NATURE OF HAZARD

INHALATION: No first aid required unless allergic reactions to organic fibers occur. No foreseeable hazards when used for intended purpose. Dust may be irritating to respiratory system.

EYE CONTACT: No first aid required unless allergic reactions to organic fibers occur. No foreseeable hazards when used for intended purpose. Dust may cause eye irritation.

SKIN CONTACT: No first aid required unless allergic reactions to organic fibers occur. No foreseeable hazards when used for intended purpose.

INGESTION: N/A

WORKPLACE EXPOSURE LIMITS: 5 mg/m³ respirable dust and 15 mg/m³ total dust based on OSHA PEL for nuisance dust.

PERSONAL PROTECTION: None required. Where dust exposure exceeds limits or special irritation or allergic conditions exist, approved respirators or masks may be required.

VENTILATION: Local ventilation for dust control for straw, coconut, cotton or cellulose paper mulch materials removed from package inside building.

SECTION IV FIRE AND EXPLOSION HAZARD

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FLASH POINT: N/A
FLAMMABLE LIMITS: N/A
EXTINGUISHING MEDIA: Water, CO2, Foam, Dry Chemicals

UNUSUAL FIRE AND EXPLOSION HAZARDS: Keep away from open flames. Do not smoke in storage area or during material installation.

SECTION V REACTIVITY DATA

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Stable, fibrous, natural organic and synthetic materials
Evolution of hazardous chemicals at high temperatures including: CO, CO2, Hydrocarbons

Hazardous Polymerization (Polypropylene elements): None

SECTION VI SPECIAL PRECAUTIONS

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Long-term storage should occur in dry, cool area away from heat sources, direct sunlight, or open flames.