



SDS

GHS Safety Data Sheet

PROFILE Products, LLC

Terra-Blend™ with UltraGro™

MSDS Number: CON054

Revision Date: 1/1/14

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

PROFILE Products, LLC
750 LAKE COOK ROAD
SUITE 440
BUFFALO GROVE, IL 60089

Phone: (847) 215-1144
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Product Name: Terra-Blend™ with UltraGro™
Revision Date: 1/1/14
MSDS Number: CON054
CAS Number: Not applicable
Product Use: Erosion control mulch for revegetation and hydraulic seeding

Product Description: Green dyed wood and cellulose fibers and a proprietary binder mixture of natural clays and seaweed extract.

2 HAZARDS IDENTIFICATION

- Route of Entry:** Inhalation, skin contact, eye contact
- Inhalation:** Wood may cause sneezing, irritation, and dryness of the nose and throat. Dust may aggravate pre-existing respiratory conditions.
- Skin Contact:** Wood & paper dust can cause irritation. Skin absorption is not known to occur.
- Eye Contact:** Wood & paper dust can irritate the eyes.
- Ingestion:** No reports of human ingestion.

NFPA: Health = 1, Fire = 1, Reactivity = 0



OSHA Classification: Wood dust is a hazardous substance as defined by the Hazard Communication Standard 29CFR 1910.1200



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3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Perc.	Chemical Name

4 FIRST AID MEASURES

- Inhalation:** Usually not a problem. Remove to fresh air if respiratory irritation develops, and get medical aid promptly if irritation persists.
- Skin Contact:** Usually not a problem. Wash off with running water if irritation is experienced.
- Eye Contact:** Open eyelids and flush with water.
- Ingestion:** Get medical attention.

5 FIRE FIGHTING MEASURES

- Flammability:** Combustible product
- Flash Point:** Not applicable
- Flash Point Method:** Not applicable
- Autoignition Temp:** 200-260°C (400-500°F)

Conditions to avoid: In contact with flames or hot surfaces

Flammable- Extinguish with water; same as a wood fire

6 ACCIDENTAL RELEASE MEASURES

Scoop up product. Wear goggles and respirator if dust is produced in unventilated areas. Wet product will be slippery.

7 HANDLING AND STORAGE

- Handling Precautions:** Clean up areas where dust settles. Minimize blowdown or other practices that generate high airborne dust concentrations.
- Storage Requirements:** Store in a cool, dry place. Keep away from sources of ignition.



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EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: None required for outdoor mixing and application. Use dust collection system for indoor handling operations.

Personal Protective Equip: Eye Protection: Wear goggles when emptying bags and during other operations where there is a risk of dust entering the eyes.
Gloves: Leather, plastic or rubber gloves could be worn to minimize skin irritation.
Respirators: When handling methods generate dust at concentrations that exceed occupational exposure limits, wear a NIOSH approved respirator. A fabric respirator or a facepiece respirator with dust cartridges will generally provide adequate protection.
Footwear: The product is slippery when wet. Wear appropriate footwear.

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Dyed, green wood & paper fibers - Pine, mixed hardwoods & shredded paper
Physical State: Wood/Paper Fibers
Spec Grav./Density: Lighter than water
Vapor Pressure: N/A

Odor: Mild wood odor

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STABILITY AND REACTIVITY

Stability: Stable product

Conditions to Avoid: Contact with strong acids and oxidizers may generate heat. Product may ignite at temperatures in excess of 200°C (400°F).

Materials to Avoid: Strong acids and oxidizers

Hazardous Polymerization: Will not occur.

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TOXICOLOGICAL INFORMATION

EFFECTS OF CHRONIC EXPOSURE:

Inhalation: Frequent and repeated exposure to wood dust is associated with an increased risk of developing nasal cancer.
Skin Contact: Although rare, wood dust may cause dermatitis in sensitized people.

Occupational Exposure Limits:

Wood dusts- All other species: ACGIH (2007): TLV-TWA 1 mg/m³ (Inhalable fraction); A4

Particulates Not Otherwise Regulated (PNOR): OSHA: PEL-TWA 15 mg/m³ (Total Dust); 5 mg/m³ (Respirable fraction)

Irritancy: Wood dust is a mild irritant

Sensitization: Some wood dusts may cause allergic skin reactions



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12	ECOLOGICAL INFORMATION
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48-hr LC₅₀ = >100% for Daphnia magna when runoff generated using ASTM D7101 (2"/hr rainfall rate) was tested according to EPA-821-R-02-012.

13	DISPOSAL CONSIDERATIONS
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Normally can be disposed of as a wood residue. Ensure disposal is in compliance with local, provincial (state), and federal regulations.

14	TRANSPORT INFORMATION
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DOT Class: Not regulated #

15	REGULATORY INFORMATION
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COMPONENT / (CAS/PERC) / CODES

REGULATORY KEY DESCRIPTIONS

- MASS = MA Massachusetts Hazardous Substances List
- NRC = Nationally Recognized Carcinogens
- OSHA WAC = OSHA Workplace Air Contaminants
- PA = PA Right-To-Know List of Hazardous Substances
- TXAIR = TX Air Contaminants with Health Effects Screening Level

- CERCLA = Superfund clean up substance
- CSWHS = Clean Water Act Hazardous Substances
- EHS302 = Extremely Hazardous Substance
- EPCRAWPC = EPCRA Water Priority Chemicals
- HAP = Hazardous Air Pollutants
- NJEHS = NJ Extraordinarily Hazardous Substances
- NJHS = NJ Right-to-Know Hazardous Substances
- OSHA PSM = OSHA Chemicals Requiring Process Safety Management
- SARA313 = SARA 313 Title III Toxic Chemicals



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16	OTHER INFORMATION
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