

SoilCover® Cellulose

MSDS Number: LIM040

Revision Date:1/1/14Page1of4

PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

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Product Name:	SoilCover® Cellulose
Revision Date:	1/1/14
MSDS Number:	LIM040
CAS Number:	Not applicable
Product Use:	Erosion control mulch for hydraulic seeding

Product Description: Green dyed cellulose fibers from shredded waste paper sources

2	HAZARDS IDENTIFICATION
Route of Entry:	Inhalation, skin contact, eye contact
Inhalation:	Cellulose dust may cause sneezing, irritation, and dryness of the nose and throat. Dust may aggravate pre-existing respiratory conditions.
Skin Contact:	Cellulose dust can cause irritation. Skin absorption is not known to occur.
Eye Contact:	Cellulose dust can irritate the eyes.
Ingestion:	No reports of human ingestion.
NFPA:	Health = 1, Fire = 1, Reactivity = 0



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



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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: Eye Contact: Ingestion:	Usually not a problem. Wash off with running water if irritation is experienced. Open eyelids and flush with water. 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

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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 provideadequate protection.
Footwear: The product is slippery when wet. Wear appropriate footwear.

9	PHYSICAL AND CHEM	ICAL PROPERTIES		
Appearance: Physical State: Spec Grav./Density: Vapor Pressure:	Dyed, green paper fibers - Shr Cellulose Fibers Lighter than water N/A	redded waste paper Odor:	Mild wood odor	

10	STABILITY AND REACTIVITY
Stability: Conditions to Avoid:	Stable product Contact with strong acids and oxidizers may generate heat. Product may ignite at temperatures in excess of 200°C (400°F).
Materials to Avoid: Hazardous Polymerizat	Strong acids and oxidizers ion: Will not occur.

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.

Particulates Not Otherwise Regulated (PNOR): C

OSHA: PEL-TWA 15 mg/m³ (Total Dust); 5 mg/m³ (Respirable fraction)

Irritancy: Cellulose could be a mild irritant.

Sensitization: Some cellulose dusts may cause allergic skin reactions.

ECOLOGICAL INFORMATION

48-hr $LC_{50} = >100\%$ for Daphnia magna when runoff generated using ASTM D7101 (2"/hr rainfall rate) was tested according to EPA-821-R-02-012.



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DISPOSAL CONSIDERATIONS

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

14 TRANSPORT INFORMATION

DOT Class: Not regulated #

15	REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

REGULATORY KEY DESCRIPTIONS

MASS = MA Massachusetts Hazardous Substances List NRC = Nationally Recognized Carcinogens OSHAWAC = 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 OSHAPSM = OSHA Chemicals Requiring process safety management SARA313 = SARA 313 Title III Toxic Chemicals

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OTHER INFORMATION