

# MSDS Material Safety Data Sheet

**PROFILE Products, LLC**



## HydroCover®Cellulose

MSDS Number: LIM001

Revision Date: 7/16/09

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### 1 PRODUCT AND COMPANY IDENTIFICATION

#### Manufacturer

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

#### Contact:

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**Product Name:** HydroCover®Cellulose  
**Revision Date:** 7/16/09  
**MSDS Number:** LIM001  
**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  
**Target Organs:**  
**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-ratings (scale 0-4): Health = 1, Fire = 2, Reactivity = 0

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

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Perc.	Chemical Name
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### 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

**Flash Point:** Not applicable

**Flash Point Method:** Not applicable

**Autoignition Temperature:** 200-206°C (400-500°F)

**Flammability Classification:** Combustible product

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.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

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

**Protective Equipment:**

- 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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### 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Dyed, green paper fibers - Shredded waste paper	<b>Boiling Point:</b>	
<b>Physical State:</b>	Cellulose Fibers	<b>Freezing/Melting Pt.:</b>	
<b>Odor:</b>	Mild wood odor	<b>Solubility:</b>	
<b>pH:</b>		<b>Spec Grav./Density:</b>	lighter than water
<b>Vapor Pressure:</b>	N/A		
<b>Vapor Density:</b>			

### 10 STABILITY AND REACTIVITY

<b>Stability:</b>	Stable product
<b>Conditions to avoid:</b>	Contact with strong acids and oxidizers may generate heat. Product may ignite at temperatures in excess of 200°C (400°F).
<b>Materials to avoid (incompatibility):</b>	Strong acids and oxidizers
<b>Hazardous Decomposition products:</b>	
<b>Hazardous Polymerization:</b>	Will not occur.

### 11 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): OSHA: PEL-TWA 15 mg/m<sup>3</sup> (Total Dust);  
5 mg/m<sup>3</sup> (Respirable fraction)

Irritancy: Cellulose could be a mild irritant.  
Sensitization: Some cellulose dusts may cause allergic skin reactions.

### 12 ECOLOGICAL INFORMATION

96-hr Survival LC<sub>50</sub> = >100% for *Daphnia magna* when runoff generated using ASTM D7101 (4"/hr rainfall rate) was tested according to EPA-821-R-02-012.

### 13 DISPOSAL CONSIDERATIONS

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



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### 14 TRANSPORT INFORMATION

DOT Class: Not regulated #

### 15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES  
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#### 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  
CSWS = 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

### 16 OTHER INFORMATION

END OF MSDS DOCUMENT