



## **GHS SAFETY DATA SHEET      FIBER BLEND**

*This Safety Data Sheet was prepared to comply with Globally Harmonized System of Classification and Labeling of Chemicals (GHS) and OSHA Hazard Communication Standard 29 CFR 1910.1200*

### **1. Identification of the Substance / Preparation and of the Company / Undertaking**

**a.). GHS Product Identifier:**

**Product Description: Powdered Cellulose Fiber**  
**Product Grade: Fiber Blend**

**HMIS / NFPA Rating: Health: 0    Flammability: 0    Reactivity: 0    Personal Protection Index: 1**

**b) Other means of identification: Wood pulp**

**c). Recommended use of the chemical and restrictions on use: Filtration aid for swimming pools and spas**

**d). Supplier's Details : Fiber Clear, Inc., 5197 G Street, Chino, CA 91710**

**e). Emergency Phone Number : 612.670.1234**

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### **2. Hazard Identification :**

**a). Emergency Overview: This product is not classified as hazardous. Not expected to be a skin irritant. Inhalation may result in transitory irritation to nose and throat. There are no hazardous components.**

**HMIS / NFPA Rating: Health: 0    Flammability: 0    Reactivity: 0    Personal Protection Index: 1**

**NFPA / HMIS Definitions: (0 – Least    1 – Slight    2 - Moderate    3 –High    4- Extreme    5**

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GHS File Name : Fiber Blend	
Prepared by: MG Dunlop	Date Prepared: 30 Dec 13    Rev 3

### 3. Composition / Information on Ingredients

#### Substance

Hazardous substances present on their own: (present in the preparation at a sufficient concentration to give the toxicological characteristics it would have in a 100% pure state)

*This product contains no hazardous substance in this category.*

Other substances representing a hazard: *None.*

Substances present at a concentration below the minimum danger threshold: *No known substance in this category present.*

a) **Chemical Identity:** C<sub>6</sub>H<sub>10</sub>O<sub>5</sub>)n

b) **Common name :** Cellulose, Wood Pulp

c) **Substances with occupational exposure limits:**

**INDEX**    **CAS Number: 9004-34-6**    **EC: 222-674-9**    **NAME: CELLULOSE**

ppm

mg / m<sup>3</sup>

**OSHA PEL-TWA:**

**15 mg / m<sup>3</sup>**

**OSHA PEL STEL :**

**OSHA PEL CEILING:**

**ACGIH TLV-TWA:**

**Total Dust**

**10 mg / m<sup>3</sup>**

**ACGIH TLV STEL:**

**ACGIH TLV CEILING:**

d). **Impurities and Stabilizing Additives :** None

e). **Mixture :** Contains no ingredients classified or hazardous

GHS File Name : Fiber Blend	
Prepared by: MG Dunlop	Date Prepared: 30 Dec 13    Rev 3

## 4. First-Aid Measures

### a). Description of Necessary First Aid Measures

Routes of Entry: Inhalation: Yes    Eyes: Yes    Skin: No    Ingestion: Yes

**Potential Health Effects :** **EYES:** Contact may cause transitory irritation. Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.

**SKIN:** Not expected to be a skin irritant. In the event of contact, wash thoroughly with soap and water or a recognized cleaner.

**INHALATION:** Inhalation may cause cough or congestion. Exposure to high concentrations of dust may result in upper respiratory irritation.

**INGESTION:** If quantity is small, ( less than one mouthful, rinse the mouth with water, and consult a doctor.

### b. Important Symptoms / Effects, Acute and Delayed

**Acute Health Hazards:**    **Overexposure:** Transitory upper respiratory tract irritation.

**Chronic Health Hazards:**    **Overexposure:** No data available.

### c. Medical Conditions Generally Aggravated By Exposure:

Any condition, which would be aggravated by coughing or congestion.

### d. Immediate Medical Attention:

**Eyes:** Flush eyes with large amounts of water if in contact. If irritation persists, seek medical attention.

**Skin:** N / A

**Ingestion::** Rinse the mouth with water and consult a doctor.

**Inhalation:** Seek fresh air if inhaled. Blow nose to evacuate dust. Drink water to clear throat.

GHS File Name : Fiber Blend	
Prepared by: MG Dunlop	Date Prepared: 30 Dec 13    Rev 3

## 5. Fire Fighting Measures

The product itself is not flammable. Avoid generating dust. Keep packages near any fire cool.

a. Suitable Extinguishing Media: Water, dry chemical or foam, CO<sub>2</sub>

b. Hazardous Decomposition Products: n / a

Flammable Limits in Air, (% by volume) Upper: Like Paper Lower: Like Paper

Flash Point: Like Paper

Auto Ignition Temperature: n / a F: C:

NFPA Hazard Classification:

Health: n / a Flammability: n / a Reactivity: n / a Other: n / a

HMIS Hazard Classification:

Health: n / a Flammability: n / a Reactivity: n / a Protection: n / a

c. Special Fire Fighting Procedures: None – treat as ordinary combustible.

Special Protective Equipment and Precautions: Due to the possible toxicity of the gas emitted on thermal decomposition of the product, fire-fighting personnel are to be equipped with self-contained insulating breathing apparatus.

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## 6. Accidental Release Measures

a. Personal Precautions, Protective Equipment, and Emergency Procedures:

Steps to be taken if material is released or spilled: Avoid inhalation of dust. If large amounts of dust are generated, collect with vacuum or suppress with water spray and sweep up.

GHS File Name : Fiber Blend	
Prepared by: MG Dunlop	Date Prepared: 30 Dec 13 Rev 3

**b. Environmental Precautions:**

**None. Product is naturally biodegradable and benign to the environment.**

**c. Methods and Materials For Containment and Cleaning Up:**

**Vacuum or broom, and use collection container, as needed.**

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## **7. Handling and Storage**

**a. Precautions For Safe Handling:**

**Avoid generating airborne dust.**

**Protect from excessive moisture.**

**Maintain good housekeeping and production handling practices.**

**b. Precautions For Safe Storage**

**Do not store next to vaporizable materials to prevent absorption of off odors.**

**Store in a dry location.**

**c. Fire Prevention:**

**Prevent access by unauthorized personnel. Avoid open flames and spark sources, and strong oxidizing agents.**

**d. Specific Use(s) :**

**In common with most organic powders, under severe dusting conditions, product may form potentially explosive mixtures in air.**

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GHS File Name : Fiber Blend	
Prepared by: MG Dunlop	Date Prepared: 30 Dec 13 Rev 3

## 8. Exposure Controls / Personal Protection

### a. Control Parameters / Exposure Guidelines:

	<u>ppm</u>	<u>mg / m<sup>3</sup></u>
OSHA PEL-TWA:		15 mg / m <sup>3</sup>
OSHA PEL STEL: n / a		
OSHA PEL CEILING:		
ACGIH TLV-TWA:	Total Dust	10 mg / m <sup>3</sup>

### b. Engineering Controls:

**Ventilation: Local Exhaust, Mechanical (General) :** As needed to keep dust below PEL

**Respiratory Protection:** NIOSH / MSHA approved dust respirator, as needed.

**Eye Protection:** Not normally necessary.

**Skin Protection:** Not normally necessary.

**Other Protective Clothing or Equipment:** None

**Work Hygienic Practices:** None

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## 9. Physical and Chemical Properties

- a). **Appearance :** White, fluffy, fibrous, odorless powder
- b). **Odor:** None
- c). **Odor threshold:** n / a
- d). **pH:** 5.0 – 7.5, as supplied
- e). **Melting point/freezing point:** Not applicable
- f). **Initial boiling point and boiling range:** Not applicable

GHS File Name : Fiber Blend	
Prepared by: MG Dunlop	Date Prepared: 30 Dec 13 Rev 3

- g). **Flash point: Not applicable**
  - h). **Evaporation rate: Basis (Butyl Acetate=1): Not Applicable**
  - i). **Flammability (solid, gas): Like paper**
  - j). **Upper/lower flammability or explosive limits: Like paper**
  - k). **Vapor pressure (mmHg): Not Applicable**
  - l). **Vapor density (Air=1): Not Applicable**
  - m). **Relative density: Specific gravity(H<sub>2</sub>O=1): 0.15 – 0.42**
  - n). **Solubility(ies): Insoluble**
  - o). **Partition coefficient: n-octanol/water: Not Applicable**
  - p). **Auto-ignition temperature: Like paper**
  - q). **Decomposition temperature: Not Applicable**
  - r). **Viscosity: Not Applicable**
  - s). **Percent Solids By Weight: 99 + %**
  - t). **Volatile Organic Compounds, (VOC): Not Applicable**
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## **10. Stability and Reactivity**

- a). **Reactivity: n / a**
- b). **Chemical Stability: Stable**
- c). **Conditions to Avoid (Stability): None under normal conditions.**
- d). **Incompatible materials: Avoid contact with oxidizing agents**
- e). **Possibility of Hazardous Reactions: Hazardous Polymerization will not occur**

GHS File Name : Fiber Blend	
Prepared by: MG Dunlop	Date Prepared: 30 Dec 13 Rev 3

- f). **Hazardous Decomposition Products or By-Products:** CO<sub>2</sub>, CO<sub>3</sub>, smoke
- g). **Conditions To Avoid ( Polymerization) :** None in designed use.

**11. Toxicological Information:**

- a). **Not expected to be a skin irritant under normal use. Contact with eyes may cause transitory irritation.**

**12. Ecological Information : No information available.**

- a). **Ecotoxicity: Non-Toxic. Poses no toxicity to the environment**
- b). **Persistence and Degradability : Biodegradable**
- c). **Bioaccumulative Potential: No potential for accumulation.**
- d). **Mobility in the Soil: 100 % Biodegradable, a natural substance.**
- e). **Other adverse effects:: None known.**

**13. Disposal Considerations**

- a). **WASTE DISPOSAL METHOD:** Dispose in an approved landfill according to federal, state, and local regulations.
- b). **RCRA HAZARD CLASS:** Wastes are not hazardous as defined by RCRA (40 CFR, part 261)

**14. Transport information**

**U.S. DEPARTMENT OF TRANSPORTATION** **Not Applicable**  
**PROPER SHIPPING NAME:**  
**HAZARD CLASS:** Exempt from transport classification and labeling.  
**ID NUMBER:**  
**PACKING GROUP:**

GHS File Name : Fiber Blend	
Prepared by: MG Dunlop	Date Prepared: 30 Dec 13 Rev 3



**LABEL STATEMENT:**

**WATER TRANSPORTATION  
PROPER SHIPPING NAME:  
HAZARD CLASS:  
ID NUMBER:  
PACKING GROUP:  
LABEL STATEMENTS:**

**Not Applicable**

**AIR TRANSPORTATION  
PROPER SHIPPING NAME:  
HAZARD CLASS:  
ID NUMBER:  
PACKING GROUP:  
LABEL STATEMENTS:**

**Not Applicable**

**OTHER AGENCIES:**

**Not Applicable**

**SECTION 14 NOTES: No information available.**

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**15. Regulatory information**

- a). **U.S. FEDERAL REGULATIONSTSCA (TOXIC SUBSTANCE CONTROL ACT):**
- b). **CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):**
- c). **SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):**
- d). **311/312 HAZARD CATEGORIES:**
- e). **313 REPORTABLE INGREDIENTS:**  
**313 REPORTABLE INGREDIENTS:**
- f). **STATE REGULATIONS:**
- g). **INTERNATIONAL REGULATIONS:**

**Section 15 Notes: Cellulose wood pulp is listed in the Code of Federal Regulations 21 CFR 186.1673 as an indirect food substance, which is Generally Regarded As Safe (GRAS).**

GHS File Name : Fiber Blend	
Prepared by: MG Dunlop	Date Prepared: 30 Dec 13 Rev 3

**Section 15 Notes: Cellulose wood pulp is listed in the Code of Federal Regulations 21 CFR 186.1673 as an indirect food substance, which is Generally Regarded As Safe (GRAS).**

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**16. Other information**

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The data in this Material Safety Data Sheet relates only to the specific materials designated herein. It does not relate to use in combination with any other material or in any process

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

**DISCLAIMER:** We believe the statements, technical information, and recommendations above are accurate, and are provided in good faith, but are given without warranty or guarantee of any kind.

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GHS File Name : Fiber Blend	
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