



# SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

**Product Identifier:** HH Wood Fiber 100% Wood Fiber Hydraulic Mulch  
**Chemical Name/Synonym:** Wood Fiber Mulch - Thermo-Mechanical Wood Pulp  
**Manufacturer Address:** HH Wood Fiber LLC.  
100 Front St.  
Mt. Orab, Ohio 45154

**Product Identity:** Hydroseeding Mulch for Erosion Control & Revegetation  
**Recommended Use:** Hydroseeding and Erosion Control  
**Telephone:** 513-512-4409  
**Email:** [info@hhwoodfiber.com](mailto:info@hhwoodfiber.com)

## 2. HAZARDS IDENTIFICATION

**Physical Hazards:** This product does not contain regulated levels of hazardous ingredients as defined in OSHA Standard 29 CFR 1910.1000.  
HH Wood Fiber 100% Wood Fiber Mulch is a 100% wood Fiber material that is colored green for application control. HH Wood Fiber 100% Wood Fiber Mulch presents little to no hazard to humans and has low acute oral and dermal toxicity. This product does not present any unusual hazard if involved in a fire.

**Route of Entry:** Inhalation, Skin Contact, Eye Contact.

**Inhalation:** Wood dust may cause irritation, dryness of the mouth, nose and throat. Dust may aggravate pre-existing conditions.

**Skin Contact:** Wood dust may cause irritation. Absorption is not known to occur.

**Eye Contact:** Wood dust may cause irritation to the eyes.

**Ingestion:** No reports of human ingestion

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

**OSHA Defined Hazard:** Wood dust is a hazardous substance as defined by the Hazard Communication Standard 29CFR1910.1200

### HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)

Wood Dust may become slippery when wet  
OSHA Hazard Classification- Category 3.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS #	%
Refined Wood @ 12% moisture	None	Greater than 99%
Colorant	41272-40-6	Less than 0.1%
Surfactant	68439-46-3	Less than 0.1%

## 4. FIRST AID MEASURES

**Inhalation:** Move to fresh air. If symptoms develop and persist, get medical aid promptly if irritation persists. In high levels if exposure, wear a mask.

**Skin Contact:** Wash with soap and water.

**Eye Contact:** Flush open eyes with plenty of water. If irritation persists, seek medical attention.

**Ingestion:** Rinse mouth with water, do not induce vomiting. Seek medical attention.

## 5. FIRE FIGHTING MEASURES

**Flammability:** Combustible; avoid contact with hot surfaces & open flame.  
**Flash Point:** Greater than 500°F  
**Auto Ignition Temperature:** 400° - 500° F  
**Suitable extinguishing method:** Water, CO2, Foam, Chemical extinguisher.  
**Conditions to avoid:** Contact with Open Flames or Hot Surfaces

## 6. ACCIDENTAL RELEASE MEASURES

- General:** HH Wood Fiber 100% Wood Fiber Mulch is 100% biodegradable & will not cause damage to trees or vegetation
- Personal Precautions:** Wear PPE (dust mask, safety glasses) in unventilated areas if dust is produced. Wet product may become slippery.
- Dry Disposal:** Scoop up product and dispose in accordance with Federal, State & Local regulations
- Wet Disposal:** HH Wood Fiber 100% Wood Fiber Mulch will not cause contamination of waterways. It is non-toxic and is not harmful to animal, aquatic fish or plant life.

## 7. HANDLING AND STORAGE

- Handling Precautions:** Work outside or in ventilated area, minimize dust, and clean up accumulated material  
Safe logistical practices to be maintained handling pallets and individual packages.
- Storage requirement:** Store in a cool, dry space away from any potential ignition sources

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Exposure Limit:** No occupational exposure limits outside or with proper ventilation  
No immediate danger to life or health (No established IDLH)
- Engineering Controls:** None required for outdoor use. Avoid high concentrations of dust indoors without proper ventilation.
- Hygiene Measures:** Maintain good industrial hygiene. Wash hands after handling
- Personal Protective Equipment:** Eye Protection - Safety glasses or goggles  
Hand Protection - Rubber, Plastic, or industrial work gloves should be worn.  
Respiratory Protection - Dust mask recommended.  
***If handling at excess rates of exposure, wear a NIOSH approved respirator.***  
Footwear- Wear appropriate footwear for slippery conditions.

OSHA: PEL-STEL 15mg/m<sup>3</sup>

ACGIH-TLV 5mg/m<sup>3</sup> (respirable)

Cal OSHA: PEL 2mg/m<sup>3</sup>

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance & Odor:** Green/Blue dyed Wood Fibers, slight wood odor.
- Flammability:** Solid: Initial ignition, then slow smoldering embers.
- Flammability Limits:** Not Applicable
- PH:** (+/-) 7.4
- Solubility in Water:** Not Soluble but Dispersible.
- Melting Point:** Not Applicable
- Freezing Point:** Not Applicable
- Boiling Point:** Not Applicable
- Flash Point:** Greater than 500° F
- Auto Ignition Temp:** Not Available
- Decomposition Temperature:** Not Applicable
- Viscosity:** Not Applicable- Material is a solid
- Evaporation Rate:** Not Applicable
- Relative Density:** Not Applicable
- Vapor Density:** Not Applicable
- Vapor Pressure:** Not Applicable
- Specific Gravity:** 0.015-0.025

## 10. STABILITY AND REACTIVITY

- Reactivity:** Not reactive
- Chemical Stability:** Stable
- Hazardous Polymerization:** Will not occur
- Conditions to Avoid:** High heat or open flames, as product may ignite.  
Oxidizers or strong acids
- Products:** Fire conditions may produce fumes containing Nitrogen Oxide, Carbon Monoxide, Carbon Dioxide, Ammonia

## 11. TOXICOLOGY INFORMATION

<b>Routes of Exposure:</b>	Inhalation is the most significant route of exposure in occupational and other settings. Dermal exposure is not usually a concern as it is not absorbed through intact skin.
<b>Symptoms:</b>	Nasal dryness, minor nose or throat irritation.
<b>Delayed Effects:</b>	Dry skin or eye irritation to sensitive persons
<b>Acute Toxicity:</b>	None estimated
<b>Chronic Toxicity:</b>	No chronic effects
<b>Irritancy:</b>	Dust particles could be a mild irritant
<b>Carcinogenicity:</b>	HH Wood Fiber 100% Wood Fiber is not carcinogenic

## 12. ECOLOGICAL INFORMATION

**HH Wood Fiber 100% Wood Fiber, by design, is for use in revegetation and is not harmful to ecological systems.**

**Ecotoxicity:** 100% Survival 48-hr LC<sub>50</sub> Daphnia Magna method 2021; EPA-821-R-02-012

**Biodegradation:** No information available

**Bioaccumulation:** No information available

**Mobility in Soil:** No information available

## 13. DISPOSAL CONSIDERATIONS

*Dispose of product in compliance with all applicable Federal, State, and local regulations.*

## 14. TRANSPORTATION INFORMATION

<b>Hazardous Material Classification:</b>	Not a U.S. Department of Transportation (USDOT) hazardous material & is not regulated.
<b>Hazardous Substance Classification:</b>	Not a U.S. Department of Transportation (USDOT) hazardous material & is not regulated.
<b>International Transportation:</b>	Does not have a U.N. Number, and is not regulated under international rail, highway, water or air transport regulations.

## 15. REGULATORY INFORMATION

*HH Wood Fiber 100% Wood Fiber is not regulated as a hazardous material*

Superfund Amendments and Reauthorization Act of 1986 (SARA)	
OSHA	Not regulated
SARA 355	Contains no chemicals which are subject
SARA 311/312	Yes (1% CAS# 68439-46-3) eye irritant
TSCA	Not regulated; exempt
Clean Air Act	Does not contain any substances regulated
Clean Water Act	Does not contain any substances regulated
CERCLA	Does not contain substances regulated as hazardous substances; not listed under the Comprehensive Environmental and Liability ACT

## 16. OTHER INFORMATION

**HMIS Ratings,** Health: 0  
**NFPA Ratings:** Flammability: 1  
 Physical Hazard: 0

***The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of publication. The information given is designed only as a guidance for safe handling, use, processing, storage, and disposal and is not to be considered a warranty or quality specification. No warranty is given, expressed or implied, as to the accuracy or completeness of the information contained herein, and we assume no responsibility in providing the guidance or to the suitability to your circumstance.***

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