

SAFETY DATA SHEET

1. **IDENTIFICATION**

1.1. Product Identification

1.1.1. Trade Name

ECM Cedar Chips

1.1.2. Trade Item Codes & U/M

10850. (40 Lbs Bag)

1.2. Relevant Uses

1.2.1. Lost Circulation Material

1.3. Details of Supplier

1.3.1. Company

ECM Supply LLC
55 Hickory Street Ste. 201
Washington, PA 15301

724-206-9321 Main
724-249-2192 Fax
ecmsupply.com

SDS Created Date:

05/01/2015

SDS Last Revised:

00/00/0000

1.4. Emergency Contact

1.4.1. **CHEMTREC**

800-424-9300

2. **HAZARDS IDENTIFICATION**

2.1. OSHA Disclaimer

2.1.1. This document may include information on environmental effect even though OSHA has NOT adopted the environmental portion of the GHS regulations.

2.2. Classification of substance/mixture

HCS 2012 (29 CFR 1910.1200)

Skin sensitization

Category 1B

2.3. Label Elements

HCS 2012 (29 CFR 1910.1200)

Pictogram

Skin/Eye,



Signal Word:

Warning

Hazard Statements:

May cause sensitization by inhalation.

Precautionary Statement

N/A

Response:

N/A

Storage:

N/A

Disposal:

N/A

2.4. Other Hazards – NOT Classified

N/A

3. **COMPOSITION & INFORMATION (INGREDIENTS)**

3.1. Substance

Chemical Nature:

Cedar Wood fiber

3.2. Mixture

Chemical Nature:

N/A

3.3. Ingredients & Impurities

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Concentration %</u>
Soft Wood	11132-73-3	100

4. **FIRST AID**

4.1. General Advice

- Show SDS to Doctor.
- First Responder Needs Protection.
- Place Affected Apparel in a Sealed Bag for Subsequent Decontamination.

4.2. Inhalation

- Move to Fresh Air.
- Give Oxygen- If Necessary.
- Provide Artificial Respiration- If Necessary.
- Consult a Doctor- If Necessary.

4.3. Skin Contact

- Wash with Soap and Plenty of Water.
- Remove Contaminated Clothing and Shoes.
- Wash Contaminated Clothing Before Re-Use.
- Consult a Doctor- If Necessary.

4.4. Eye Contact

- Rinse Immediately w/ Plenty of Water- At Least Fifteen Minutes.
- Consult a Doctor- If Necessary.

4.5. Ingestion

- Risk of Product Entering Lungs on Vomiting After Ingestion.
- If victim is conscious and alert, give 2-4 glasses of milk or water.
- Never give anything by mouth to an unconscious or convulsing victim.
- Seek medical attention.
- Seek Medical Advice.
- Do Not Leave the Victim Alone.

4.6. Symptoms & Effects – Acute & Delayed

Symptoms: Acute:	N/A
Delayed:	N/A
Effects: Acute:	N/A
Delayed:	N/A

4.7. Indication of Medical Attention & Special Treatment Needed

- Physician: Treat Based on Observed Signs & Symptoms.

5. **FIREFIGHTING**

5.1. Flashpoint

N/A Class: N/A

5.2. Autoignition Temperature

not determined.

5.3. Extinguishing Media

5.3.1. Suitable Extinguishing Media

Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.

5.3.2. Unsuitable Extinguishing Media

N/A

5.4. Special Hazards

5.4.1. Specific Hazards

Under Fire Conditions:

Dust in high concentrations may form explosive mixtures in air.
Oxides of carbon.

5.4.2. Hazardous Combustion Products

Hazardous Decomposition:

N/A

5.5. Advice for Firefighters

5.5.1. Special PPE

Gloves, Googles, Clothing. NIOSH/MSHA Approved SCBA.

5.5.2. Specific Fire Fighting Methods

Collect Contaminated Water- No Drains.

6. **ACCIDENTAL RELEASE**

6.1. Personal Precautions, PPE & Emergency Procedures

Avoid Contact w/ Skin and Eyes.

Wear Suitable PPE - See Section 8.

6.2. Environmental Precautions

Do Not Let Product Enter Any Drains.

Prevent Product From Entering Sewage/Drain Systems.

Spills May be Reported to the National Response Center (800-424-8802).

6.3. Methods and Materials for Containment & Clean Up

6.3.1. Recovery

Soak Up w/ Inert Absorbent Material (If Wet).

Sweep Up & Shovel into Suitable Containers for Disposal

Never Return Spills in Original Containers for Re-Use.

6.3.2. Decontamination & Cleaning

Clean Contaminated Surface Thoroughly.

Wash Off w/ Plenty of Water.

Recover the Cleaning Water for Subsequent Disposal.

Decontaminate Tools, Equipment & PPE in Separate Area.

6.3.3. Disposal

Dispose of in Accordance w/ Local Regulations.

6.3.4. Additional Advice

Material Can Create Slippery Conditions.

6.4. Reference to Other Section

No Data Available

7. **STORAGE & HANDLING**

7.1. Precautions For Safe Handling

Avoid Inhalation, Ingestion and Contact w/ Skins and Eyes.

Handle in Accordance w/ Good Industrial Hygiene and Safety Practice.

7.1.1. Hygiene Measures

Personal Hygiene Is An Important Work Practice Exposure Control Measure:

Do Not Store, Use and/or Consume Foods, Beverages, Tobacco Products, or Cosmetics in Areas Where This Material Is Stored.

Wash Hands and Face Carefully Before Eating, Drinking, Using Tobacco, Applying Cosmetics, or Using the Toilet.

Wash Exposed Skin Promptly to Remove Accidental Splashes or Contact w/ Material.

7.2. Conditions for Safe Storage, Including any Incompatibilities.

7.2.1. Technical Measures & Storage Conditions

Take All Necessary Measures to Avoid Accidental Discharge of Products into Drains and Waterways.

Keep in a Dry, Cool and Well-Ventilated Place.

Keep Container Tightly Closed.

Do Not Freeze.

Keep Away From Open Flames, Hot Surfaces and Sources of Ignition.

Keep Away From Incompatible Materials to Be Indicated By the Manufacturer.

7.2.2. Requirements for Storage Rooms & Vessels

Recommended Storage Temp:

N/A

7.3. Specific End Use(s)

No Data Available

8. **EXPOSURE CONTROLS & PPE**

8.1. Control Parameters

These Recommendations Provide General Guidance For Handling This Product. Because Specific Work Environments and Material Handling Practices Vary, Safety Procedures Should Be Developed for Each Intended Application. Assistance with Selection, Use and Maintenance of Worker Protection Equipment Is Generally Available From Equipment Manufacturers.

8.1.1. Components w/ Workplace Occupational Exposure Limits

Ingredients	Type	Value	Basis
Soft Wood	ACGIH	10 mg/m ³ (total dust)	
	OSHA	15 mg/m ³ (total dust).	

8.2. Exposure Controls

8.2.1. Control Measures

8.2.1.1. Engineering Measures

Where Engineering Controls are Indicated by Use Conditions or a Potential for Excessive Exposure Exists, The Following Traditional Exposure Control Techniques May Be Used To Effectively Minimize Employee Exposures.

Effective Exhaust Ventilation System.

8.2.2. Individual Protection Measures

8.2.2.1. Respiratory Protection

When Respirators are Required, Select NIOSH/MSHA Approved Equipment Based On Actual or Potential Airborne Concentrations and in Accordance w/ the Appropriate Regulatory Standards and/or Industrial Recommendations.

Use a Respirator w/ an Approved Filter If A Risk Assessment Indicated Necessary.

8.2.2.2. Hand Protection

Where There is a Risk of Contact w/ Hands- Use Appropriate Gloves.

Observe and Follow Supplier Instructions Regarding Permeability and Breakthrough Time.

Gloves Must Be Inspected Prior to Use.

Gloves Must Be Discarded and Replaced if There Is Any Breakthrough.

8.2.2.3. Eye Protection

Work Environments and Material Handling Practices Determine Eye and Face Requirements. Approved ANSI Z87 Equipment Shall Be Selected.

Eye Contact Should be Prevented Through the Use of Safety Glasses w/ Side Shields.

8.2.2.4. Skin & Body Protection

Remove and Wash Contaminated Clothing Before Re-Use.

Choose Body Protection According to the Amount and Concentration of the Dangerous Substance at the Work Place.

Protective Suit and Boots as Necessary.

8.2.2.5. Hygiene Measures

Do Not Store, Use and/or Consume Foods, Beverages, Tobacco Products or Cosmetics in Areas Where This Material is Stored.

Wash Hands and Face Carefully Before Eating, Drinking, Using Tobacco, Applying Cosmetics, or Using the Toilet.

Wash Exposed Skin Promptly.

8.2.2.6. Protective Measures

Ensure Eyewash and Safety Showers Are Near.

PPE Shall be In Accordance w/ Local Standards and In Cooperation w/ Supplier of the PPE.

PPE Selected Should Be Based on Evaluation of the Performance of the Task(s).

9. PHYSICAL & CHEMICAL PROPERTIES

9.1. Basic Physical & Chemical Properties

Appearance	Brown powder. Solid
Autoignition Temperature	N/A
Boil Point	N/A
Density	0.6
Evaporation Rate	N/A
Explosive Properties	N/A
Flammability	N/A
Flash Point	N/A
Freezing Point	N/A
Odor	Slight
Odor Threshold	N/A
Oxidizing Properties	N/A
Partition Coefficient	N/A
pH	N/A
Solubility	Insoluble in water; Not available (in other liquids)
Thermal Decomposition	N/A
Vapor Density	N/A
Vapor Pressure	N/A
Viscosity	N/A

9.2. Other Information

Volatiles by Volume	N/A
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10. STABILITY & REACTIVITY

10.1. Reactivity

N/A

10.2. Chemical Stability

Normally stable.

10.3. Possible Hazardous Reactions

Hazardous polymerization will not occur.

10.4. Conditions to Avoid

Avoid heat, flames, and other sources of ignition.

10.5. Incompatible Materials

None known.

10.6. Hazardous Decomposition Products

Carbon monoxide and Carbon dioxide.

11. TOXICOLOGICAL REPORT

11.1. Effects

11.1.1. Acute

Acute Oral	N/A
Acute Inhalation	N/A
Acute Dermal	N/A
Acute Other	N/A

11.1.2. Skin Corrosion & Irritation

Skin Irritation
May be irritating to the skin. Dermatitis may result from short contact periods.

11.1.3. Eye Damage & Irritation

Eye Irritation	May be irritating to the eyes. Particulates may cause mechanical irritation to the eyes.
11.1.4. Respiratory or Skin Sensitization	
Sensitization	N/A
11.1.5. Mutagenicity	
Genotoxicity in Vitro	N/A
Genotoxicity in Vibo	N/A
11.1.6. Carcinogenicity	N/A
11.1.7. Toxicity for Reproduction & Development	
Fertility	N/A
Teratogenicity	N/A
11.1.8. Specific Target Organ Toxicant	
Single Exposure	N/A
Repeated Exposure	N/A
11.1.9. Neurological	N/A
11.1.10. CMR	N/A
11.1.11. Aspiration	N/A

12. **ECOLOGICAL REPORT**

12.1. Toxicity

12.1.1. Aquatic Compartment

Acute – Fish	N/A
Acute – Daphnia & Other	N/A
Aquatic Plants	N/A
Chronic – Fish	N/A

12.2. Persistence & Degradability

12.2.1. Biodegradation

Biodegradability	Biodegradable
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12.3. Bioaccumulative Potential

12.3.1. Bioconcentration Factor (BCF)	N/A
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12.4. Mobility in Soil

N/A

12.5. PBT & vPvB Assessment Report

N/A

12.6. Other Adverse Effects

N/A

12.7. Ecotoxicity Assessment

12.7.1. Acute	N/A
12.7.2. Chronic	N/A

13. **DISPOSAL**

13.1. Waste Treatment Methods

13.1.1. Disposal

Altering or Alterations of this Material May Make the Waste Management Information Presented in this SDS Incomplete, Inaccurate or Otherwise Inappropriate. Please be Advised to all Federal, State and Local Regulation for Waste Disposal.

13.1.2. Waste Code

N/A

13.1.3. Advice- Cleaning, Disposal, Packaging

Recover and reclaim or recycle, if practical. Should this product become a waste, dispose in a permitted industrial landfill. Empty containers retain residues. Ensure that containers are empty by RCRA criteria prior to disposal in a permitted industrial landfill.

13.1.4. Waste Avoidance & Recovery

N/A

14. **TRANSPORT**

14.1. Department of Transportation

- | | |
|--------------------------------|----------------|
| 14.1.1. UN Number | Not applicable |
| 14.1.2. Proper Shipping Name | N/A |
| 14.1.3. Transport Hazard Class | N/A |
| 14.1.4. Packaging Group | N/A |
| 14.1.5. Environmental Hazards | N/A |

14.2. TDG

- 14.2.1. UN Number
- 14.2.2. Proper Shipping Name
- 14.2.3. Transport Hazard Class
- 14.2.4. Packaging Group
- 14.2.5. Environmental Hazards

14.3. NOM

- 14.3.1. UN Number
- 14.3.2. Property Shipping Name
- 14.3.3. Transport Hazard Class
- 14.3.4. Packaging Group
- 14.3.5. Environmental Hazards

14.4. IMDG

- 14.4.1. UN Number
- 14.4.2. Proper Shipping Name
- 14.4.3. Transport Hazard Class
- 14.4.4. Packaging Group
- 14.4.5. Environmental Hazards
- 14.4.6. Special Precautions

14.5. IATA

- 14.5.1. UN Number
- 14.5.2. Proper Shipping Name
- 14.5.3. Transport Hazard Class
- 14.5.4. Packaging Group
 - 14.5.4.1. Passenger Aircraft Packing
 - 14.5.4.2. Max
 - 14.5.4.3. Cargo Aircraft Packaging
 - 14.5.4.4. Max
- 14.5.5. Environmental Hazards
- 14.5.6. Special Precautions

15. **REGULATORY**

15.1. Notification Status

- | | |
|------------------------------|---------------------|
| 15.1.1. Inventory Info | |
| United States TSCA Inventory | Listed on Inventory |

15.2. Federal Regulations

- | | |
|----------------------------------------------------------------|----|
| 15.2.1. US EPA EPCRA SARA Title III | |
| 15.2.1.1. SARA Hazard Designation Section 311/312 (40 CFR 370) | |
| Fire Hazard | No |
| Reactivity Hazard | No |
| Sudden Release of Pressure Hazard | No |

	Acute Health Hazard	Yes
	Chronic Health Hazard	No
15.2.1.2.	Section 313 Toxic Chemicals (40 CFR 372.65)	
	Does not contain toxic chemical subject to the reporting requirements	
15.2.1.3.	Section 302 Emergency Planning- Hazardous Substance Threshold (40 CFR 355)	
	N/A	
15.2.1.4.	Section 302 Emergency Planning- Hazardous Substance Reporting (40 CFR 355)	
	<u>Ingredient</u>	<u>CAS No. Quantity</u>
15.2.1.5.	Section 304 Emergency Release Notification (40 CFR 355)	
	<u>Ingredient</u>	<u>CAS No. Quantity</u>
15.2.2.	US EPA CERCLA Hazardous Substance & Reporting Quantities (40 CFR 302.4)	
	<u>Ingredient</u>	<u>CAS No. Quantity</u>

15.3. State Regulations

15.3.1. US California Safe Drinking Water & Toxic Enforcement Act (Proposition 65)

15.3.1.1. This Product Contains a Chemical Known by the State to Cause Cancer

<u>Ingredient</u>	<u>CAS No.</u>
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15.3.1.2. This Product Contains a Chemical Known by the State to Cause Birth Defects

<u>Ingredient</u>	<u>CAS No.</u>
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16. **OTHER**

16.1. National Fire Protection Association Classification (NFPA)

Health	1
Flammability	1
Instability/Reactivity	0

16.2. Hazardous Materials Identification System Classification (HMIS)

Health	1
Flammability	1
Reactivity	0
PPE	Determined by User- Consult Direct Supervisor

16.3. Further Information

US GHS Evaluated Format

16.4. Abbreviations / Acronyms Used in This SDS

Gov't	Government
SDS	Safety Data Sheet
ST	STEL- 15 Minute TWA Exposure, Not To Be Exceeded
STEL	Short Term Exposure Limit
TWA	8 Hour, Time Weighted Average
ACGIH	American Conference of Gov't Industrial Hygienists
OSHA	Occupational Safety and Health Administration
NTP	National Toxicology Program
IARC	International Agency for Research on Cancer
NIOSH	National Institute for Occupational Safety and Health

17. **DISCLAIMER**

The information provided in this Safety Data Sheet is correct to the best of ECM Supply, LLC knowledge, information and belief at the time and date of its publication. Such information is only given as a guidance to help users handle, use, process, store, transport, dispose, and release the product in satisfactory safety conditions and is not to be considered as a warranty or intended to replace technical data sheets and product specifications and does not release the user from obligated regulation linked to its activity thereof. This information relates only to the product designated herein and does not relate to its use in conjunction and/or combination with other material(s) and/or other processes.