

SECTION 1: Identification

Product form: Dry Powder

Substance name: Cellulose / Lignocellulose Complex

CAS No.: None

Synonyms: Cellulose Fiber

Intended Use Of The Product: Lost Circulation Material

Turbo-Chem International, INC.

P.O. Box 60383

Lafayette, LA 70596

1.337.235.3098

Emergency number : (Chemtrec) 1.800.424.9300

SECTION 2: Hazards identification

GHS-US classification

Eye Irrit. H320

Resp Irrit. H335



Signal word (GHS-US)

: Warning

Hazard statements (GHS-US)

H320 - May cause eye irritation

H335 - May cause respiratory irritation

Precautionary statements (GHS-US)

P281 - Use personal protective equipment as required.

P285 - In case of inadequate ventilation, wear respiratory protection.

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P301+P321 - If ingested: Drink large amounts of water.
P304+P341 - If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P302+P352 - If on skin: Wash with soap and water.
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - Continue rinsing
P501 - Dispose of contents/container according to local, regional, national, and international regulations.

SECTION 3: Composition/information on ingredients

Under dusty conditions, should be considered a nuisance particulate having a TLV-STEL of 10 mg/m³ total dust

Name	CAS	%	
Corn Cobs	CAS not listed	40-60	
Pith Fibers	CAS not listed	20-40	

SECTION 4: First aid measures

First-aid measures general: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice.

First-aid measures after inhalation: When symptoms occur: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell. **First-aid measures after skin contact:** Wash with soap and water.

First-aid measures after eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

First-aid measures after ingestion: Drink large amounts of water.

Most important symptoms and effects, both acute and delayed

Symptoms/injuries: Eye irritation.

Symptoms/injuries after inhalation: Prolonged and cont. exposure to an excessive amount of dust of any kind may have an adverse pulmonary effect on some people.

Symptoms/injuries after eye contact: May cause eye irritation as any particulate can

Symptoms/injuries after ingestion: None known

Indication of any immediate medical attention and special treatment needed

If medical advice is needed, have product container or label at hand.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media: Dry chemical, alcohol foam, carbon dioxide.

Special hazards arising from the substance or mixture

Fire hazard: None known

Hazardous Combustion / Decomposition Products: Carbon Monoxide and carbon dioxide may form on combustion.

Advice for firefighters

Firefighting instructions / Special Firefighting Equipment: None known

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

General measures: Avoid creating dust.

For non-emergency personnel

Protective equipment: Use appropriate personal protection equipment (PPE).

Environmental precautions

Prevent entry to sewers and public waters.

Methods and material for containment and cleaning up:

Methods for cleaning up: Vacuum or scoop up

Reference to other sections

See heading 13 for disposal information.

SECTION 7: Handling and storage

Precautions for safe handling: Do not get in eyes. Avoid breathing in dust.

Hygiene measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

Storage conditions: Store in a dry location.

Incompatible products: Strong oxidizers.

Incompatible materials: Heat sources.

SECTION 8: Exposure controls/personal protection

Control parameters

USA OSHA	Permissible Exposure limit	None Established
	ACGIH Threshold Limit Value	None Established

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Exposure controls

Appropriate engineering controls : Ensure all national/local regulations are observed.

Personal protective equipment : Insufficient ventilation: wear respiratory protection. Protective goggles.



Hand protection : None

Eye protection : Goggles (Under dusty conditions)

Skin and body protection : None

Respiratory protection : If exposure limits are exceeded or irritation is experienced, NIOSH approved respiratory for non-toxic dusts should be worn. :

Other information : Keep dust concentration below 10 mg/m3 respirable fraction

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Powder Fibers
Colour	: Brown
Odour	: None
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash Point	: Not known
Auto-ignition temperature	: No data available
Decomposition Temperature	: No data available
Flammability (solid, gas)	: No data available :
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	
Density	: 1.48 (SG) :
Solubility	Negligable
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: Not applicable

SECTION 10: Stability and reactivity

Chemical Stability Stable

Conditions to Avoid Avoid dust formations.

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Incompatible Materials Strong oxidizers.

Hazardous Decomposition Products Carbon oxides (CO, CO₂) may form on combustion.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity : Not classified

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LC50	No data available

Skin corrosion/irritation: Not classified

Serious eye damage/irritation: May cause eye irritation.

Respiratory or skin sensitisation: Prolonged exposure may cause irritation

Germ cell mutagenicity: Not classified

Carcinogenicity: No

Reproductive toxicity: No

Specific target organ toxicity (single exposure): None

Specific target organ toxicity (repeated exposure): None

Aspiration hazard: Not classified

Symptoms/injuries after inhalation: May cause respiratory irritation.

Symptoms/injuries after eye contact: May cause eye irritation.

Symptoms/injuries after ingestion: None.

SECTION 12: Ecological information

Toxicity

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No ecological data is available	

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Bioaccumulative potential

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Bioaccumulative potential	Not established.

Mobility in soil

No additional information available

SECTION 13: Disposal considerations

Waste treatment methods

Water disposal Method: Landfill or incinerate under conditions that meet all federal, state and local regulations.

SECTION 14: Transport information

In accordance with DOT,TDG,IMDG,ICAO/IATA : Not regulated for transportation

SECTION 15: Regulatory information

US Federal regulations

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Sara 311/312 Hazard Catagory: Acute	
This product contains no chemicals which are listed as hazardous waste when disposed of.	31 TAC 335.501+ Provides for self classification of industrial solid waste. This product and empty containers which contained this product may be classified as Class 2 waste.

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US State regulations

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State or local regulations	Not regulated for transportation.
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SECTION 16: Other information

Indication of changes : 04/22/2014

Other information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases:

H320	May cause eye irritation
H335	May cause respiratory irritation

NFPA health hazard : 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.

NFPA fire hazard : 1 - Combustable if heated

NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



HMIS III Rating

Health : 1 Slight Hazard - Irritation or minor reversible injury possible

Flammability :2 Moderate Hazard

Physical :0 Minimal Hazard

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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