

SECTION 1: Identification

Product form: Dry Powder

Substance name: Cellulose Fiber Complex

CAS No.: None-Mixture

Synonyms: None

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

Skin Irrit. H315



Signal word (GHS-US)

: Warning

Hazard statements (GHS-US)

H320 - May cause eye irritation

H335 - May cause respiratory irritation

H315- Causes skin irritation

Precautionary statements (GHS-US)

P281 - Use personal protective equipment as required.

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

P301+P321+P331 - If ingested: Drink large amounts of water. Do not induce vomiting
 P304+P341+P314 - If inhaled: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Administer oxygen if breathing is difficult.
 P302+P352 - If on skin: Wash with soap and water.
 P306+P362 - If on clothing: Take off contaminated clothing and launder before reuse.
 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 | % | |
|-----------------|------------|-------|--|
| Lignite | 68525-81-5 | 25-55 | |
| Cellulose Fiber | 9004-34-6 | 10-55 | |

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. Do not induce vomiting.

Most important symptoms and effects, both acute and delayed

Symptoms/injuries: May cause eye, skin and respiratory tract irritation/damage.
Symptoms/injuries after inhalation: May cause irritation of the nasal and respiratory passages resulting in burning sensation, tightness in chest.
Symptoms/injuries after eye contact: Dust may cause irritation resulting in redness or burning sensation.
Symptoms/injuries after ingestion: Large doses can result in damage to mucous membranes causing a burning sensation.

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: Water, Dry chemical, alcohol foam, carbon dioxide.

Special hazards arising from the substance or mixture

Fire hazard: Avoid dusty conditions
Hazardous Combustion / Decomposition Products: Oxides of carbon, nitrogen and sulfur may form on combustion. Phenol may be emitted.

Advice for firefighters

Firefighting instructions / Special Firefighting Equipment: Wear self contained breathing apparatus.

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: Avoid prolonged contact with skin. Do not get in eyes. Avoid breathing dust. Launder contaminated clothing and clean shoes thoroughly before use.

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: Hazardous polymerization will not occur.

SECTION 8: Exposure controls/personal protection

Control parameters

| | | |
|-------------------------------|--------------------|---|
| Modified Cotton Fiber: | | |
| USA OSHA | OSHA (TLV) (mg/m3) | 0.2 mg/m ³ of fibers having a maximum particle size of 15 microns in diameter. |
| | | |
| Lignite (Coal): | | |
| USA OSHA | OSHA (TLV) (mg/m3) | 0.2 mg/m ³ respirable dust fraction. |
| | | |
| | | |

Exposure controls

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

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



Hand protection : Non-Cloth gloves are sufficient
 Eye protection : Goggles (Under dusty conditions)
 Skin and body protection : None
 Respiratory protection : Select an appropriate respirator as required by 29CFR 1910.1043

Other information : Keep dust concentration below 0.2 mg/m³ respirable fraction.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state : Solid
 Appearance : Powder Fibers
 Colour : Dark Gray to 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 : 1.5455 (SG)
 Solubility : In oil -Highly dispersible
 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.

Incompatible Materials Strong oxidizers.

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

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity : None

| | |
|--------------------------------------|--|
| No Toxicity data is available | |
| | |
| | |

Skin corrosion/irritation: Prolonged exposure may cause burns or irritation.

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: Large dose can result in damage to mucous membranes causing a burning sensation.

SECTION 12: Ecological information

Toxicity

| | |
|---|---|
| SYN-Seal [®] | |
| 96 Hr. Mysidopsis bahia LC50 | 815,000 ppm SPP: Passed EPA's requirement of greater than 30,000ppm to meet the discharge requirements. |
| 96 Hr. Leptocheirus Plumulosus Sed Tox | <0.1 : Passed |

| | |
|--|--|
| | |
| | |

Bioaccumulative potential

| | |
|----------------------------------|------------------|
| SYN-Seal [®] | |
| 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

SYN-Seal[®]

Sara 311/312 Hazard Catagory: Acute

This product contains no chemicals which are listed as hazardous waste when disposed and does not exhibit any characteristics of hazardous waste.

This product is not subject to the referenced SARA and CERCLA regulations.

US State regulations

| | |
|-----------------------------------|-----------------------------------|
| SYN-Seal | |
| State or local regulations | Not regulated for transportation. |

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.

SDS US (GHS HazCom) - US Only