



Safety Data Sheet

Glo Seal

Section 1: PRODUCT AND COMPANY IDENTIFICATION

- 1.1 Product identifier:** Cellulose Fiber
Common name(s): Fiber
Chemical Family: Mud - Cement Additive
Synonyms: N/A
- 1.2 Manufacturer, Importer, and/or Responsible Party Information:**

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Emergency Contact Information:

CHEMTREC: 800.262.8200

- 1.3 Recommended Use of Chemical :**
Chemical Services: Additive / Oilfield chemical/chemicals. Manufacture of substances.
Use Restrictions: N/A

Section 2: HAZARDS IDENTIFICATION

2.1 OSHA Hazard Classification: 29CFR1910.1200
This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

2.2 GHS Classification
Not a dangerous substance according to Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

2.3 GHS-Labeling

Not a dangerous substance according to Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

- 2.4 Carcinogenicity:**
IARC: No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
NTP: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
ACGIH: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH

2.5 Signal Word: Warning

2.6 Pictogram:



2.7 Precautionary Statement(s): Fine dust may cause eye and respiratory irritation.

2.8 Description of Hazards Not Otherwise Classified: N/A

2.9 NFPA Classification:
Health Hazard: 1
Fire Hazard: 1
Reactivity Hazard: 0

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Chemical Names and Concentrations: Cellulose pulp, Calcium Carbonate
Common Name: Filtration Control agent

Synonyms: N/A

Chemical Abstract Service (CAS) No. :

Cellulose Fiber (65996-61-4), 20-95%

Calcium Carbonate (471-34-1), <1%

Water (7732-18-5), 5-20%

Any Other Unique Identifiers: N/A

Impurities and Stabilizing Additives: None

3.2 Recommended Use of Chemical:

Chemical Services: Glo Seal F is used in drilling and cementing operations.

Use Restrictions: N/A

3.3 Trade Secret: Is the specific chemical identity and/or exact concentration of composition withheld as a trade secret? YES

Section 4: FIRST AID MEASURES

4.1 Necessary First-Aid Instructions:

Inhalation: If inhaled, move person into fresh air. If not breathing, give artificial respiration. Get medical attention for any breathing difficulty.

Skin Contact: In case of skin contact, wash off with soap and plenty of water.

Eye Contact: In case of eye contact, flush eyes with water as a precaution. Get medical attention if irritation develops.

Ingestion: If swallowed, never give anything by mouth to an unconscious person. Rinse mouth with water. Seek medical attention.

Most Important Symptoms/Effects: No data available

4.2 Immediate Medical Care / Special Treatment:

Is immediate medical care or special treatment required? No data available

If so, what is needed? No data available

Section 5: FIREFIGHTING MEASURES

5.1 Suitable Extinguishing Equipment: Use water spray, dry chemical or carbon dioxide.

5.2 Extinguishing Equipment Not Appropriate: N/A

5.3 Specific Hazards Created from Chemical

Burning: Flammable dust when finely divided and in highly suspended state. Combustion products may include Sulfur Dioxide, Carbon Dioxide, Nitrogen Oxide; flammable solids may provide conditions for possible dust explosions.

5.4 Special Protective Equipment Needed: Wear self-contained breathing apparatus for firefighting if necessary.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions: Use appropriate protective equipment. Avoid creating and breathing dust.

6.2 Emergency Procedures: Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see Section 8.

6.3 Method(s) and Material(s) for Containment: Sweep and shovel, and keep in suitable, closed containers for disposal. Keep away from ignition source.

6.4 Cleanup Procedure(s): Sweep and shovel.

Section 7: HANDLING AND STORAGE

7.1 Handling Precautions: Avoid formation of respirable particles. Do not breathe dust. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Provide sufficient air exchange and/or exhaust in work rooms. Dispose of rinse water in accordance with local and national regulations. Persons susceptible to skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.

7.2 Hygiene Practices: Normal hygiene practices are sufficient.

7.3 Safe Storage Recommendations: Keep container tightly closed in a dry and well-ventilated place.

7.4 Incompatible Storage Recommendations: N/A

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 OSHA Permissible Exposure Limits (PELs):
N/A

8.2 American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Values (TLVs): N/A

8.3 Exposure Limit (recommended by manufacturer, importer or employer): No Data Available

8.4 Appropriate Engineering Controls: A well-ventilated area to control dust levels.

8.5 Recommendations for Personal Protective Measures: Normal work gloves and work coveralls. Wear safety glasses or goggles to protect against exposure.

8.6 Special Requirements of PPE:
Respiratory Protection:

If material is ground, cut, or used in any operation which may generate dusts, use appropriate local exhaust ventilation to keep exposures below the recommended exposure limits. Wear a supplied-air NIOSH approved respirator unless ventilation or other engineering controls are adequate to maintain minimal oxygen content of 19.5% by volume under normal atmospheric pressure.

Hand protection: The suitability for a specific workplace should be discussed with the producers of the protective gloves. Please observe the instructions regarding permeability and breakthrough time, which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Gloves should be

discarded and replaced if there is any indication of degradation or chemical breakthrough.

Eye protection: Eye wash bottle with pure water. Tightly-fitting safety goggles.

Skin and body protection: Choose body protection in relation to its type, the concentration and amount of dangerous substances, and to the specific work environment. Wear, as appropriate, lightweight protective clothing.

Hygiene measures: When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical Data

State: Solid

Color: Yellow - Brown

Odor: Slight

Chemical data:

Flash Point: Not applicable

Lower Explosion Limit: NA

Upper Explosion Limit: NA

Oxidizing Properties: No

Auto Ignition Temperature: > 800 F

Applicable Molecular formula: Mixture

Molecular Weight: Not applicable

pH: NA

Freezing Point: N/A

Pour point: Not applicable

Boiling Point/boiling range: Not applicable

Vapor pressure: Not applicable

Bulk density: NA

Water solubility: In-soluble

Partition coefficient n-octanol/water: No data available

Viscosity, kinematic: No data available

Relative vapor density: Not applicable

Evaporation rate: Not applicable

Section 10: STABILITY AND REACTIVITY

10.1 Reactivity: No data available

10.2 Chemical Stability: Stable under recommended storage conditions.

10.3 Possibility of Hazardous Reactions: N/A

10.4 Conditions to Avoid: Avoid moisture and water contact.

10.5 Incompatible Materials: Strong oxidizing agents

10.6 Hazardous Decomposition Products: None

Section 11: TOXICOLOGICAL INFORMATION

11.1 Principle Route of Exposure: Eye or skin contact and inhalation.

Inhalation: May cause mild respiratory irritation.

Skin Contact: May cause mild skin irritation.

Eye Contact: May cause eye irritation.

Ingestion: May cause mild gastric distress.

Aggravated Medical Conditions: N/A

Chronic Effects/Carcinogenicity: Prolonged, excessive exposure to dust may cause pneumoconiosis, a lung disease caused by inhaling dust particles less than 0.5 micrometers into the lungs.

Other Information: None known

11.2 Toxicity Tests:

Toxicity: NDA

Cellulose LC50 (rates, inhalation) 5,800 mg/m³, 4-hours

Carcinogenicity: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, ACGIH, NTP, OSHA.

Genotoxicity: Not determined

Dermal Toxicity: Not determined

Inhalation Toxicity: Not determined

Primary Irritation Effect: Not determined

Reproductive / Developmental Toxicity: Not determined

Section 12: ECOLOGICAL INFORMATION

12.1 Mobility (water/soil/air): No data available

12.2 Persistence/Degradability: No data available

12.3 Bioaccumulation Potential: No data available

12.4 Eco toxicological Information

Acute Fish Toxicity: Not determined

Acute Crustaceans Toxicity: Not determined

Acute Algae Toxicity: Not determined

Chemical Fate Information: Not determined

12.5 Other adverse effects: No data available

Section 13: DISPOSAL CONSIDERATIONS

13.1 Disposal Method: Use material for its intended purpose or recycle if possible. This material, if it must be discarded, may meet the criteria of a hazardous waste as defined by US EPA under RCRA (40 CFR 261) or other State and local regulations. Measurement of certain physical properties and analysis for regulated components may be necessary to make a correct determination. If this material is classified as a hazardous waste, federal law requires disposal at a licensed hazardous waste disposal facility.

13.2 Contaminated Packaging: Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.

Section 14: TRANSPORT INFORMATION

14.1 Land Transportation:

DOT: Not regulated as a hazardous material or dangerous goods for transportation by this agency.

Canadian TDG: Not restricted

14.2 Air Transportation ICAO/IATA: Not restricted

14.3 Sea Transportation IMDG: Not restricted

14.4 Other Shipping Information Labels: None

Section 15: REGULATORY INFORMATION

15.1 US Regulations:

US TSCA Inventory: All components listed on inventory.

EPA SARA Title III Extremely Hazardous Substances: Not applicable

EPA SARA (311,312) Hazard Class: None

EPA SARA (313) Chemicals: This product does not contain a toxic chemical for routine annual "Toxic Chemical Release Reporting" under Section 313 (40 CFR 372).

EPA CERCLA/Superfund Reportable Spill Quantity for This Product: Not Applicable

EPA RCRA Hazardous Waste Classification: If product becomes a waste, it does NOT meet the criteria of a hazardous waste as defined by the EPA.

California Proposition 65: Components listed do not apply to the California Proposition 65 regulation.

NJ Right-to-Know Law: No components are subject to the New Jersey Right to Know Act.

PA Right-to-Know Law: No components are subject to the Pennsylvania Right to Know Act.

15.2 Canadian Regulations:

Canadian DSL Inventory: All components listed on inventory.

WHMIS Hazard Class: Non-Controlled

Notification status

Europe REACH: On the inventory, or in compliance with the inventory

United States of America US-TSCA: On the inventory, or in compliance with the inventory

Canada DSL: On the inventory, or in compliance with the inventory

Australia AICS: On the inventory, or in compliance with the inventory

New Zealand NZ loc: On the inventory, or in compliance with the inventory

Japan ENCS: On the inventory, or in compliance with the inventory

Korea KECI: On the inventory, or in compliance with the inventory

Philippines PICCS: On the inventory, or in compliance with the inventory

China IECSC: On the inventory, or in compliance with the inventory

Section 16: OTHER INFORMATION

16.1 Additional Information:

For additional information on the use of this product, contact your local Global AM-TX, Inc. representative.

16.2 Disclaimer Statement: Copyright 2015 Global AM-TX, Inc. License granted to make unlimited paper copies for internal use only. The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety pre cautions. It does not represent any guarantee of the properties of the product. Global AM-TX and its Affiliates shall not be held liable for any damage resulting from handling or contact with the above product. See www.globalam-tx.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

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Product Safety – Americas Region
281.331.0200

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