

SAFETY DATA SHEET

Issue Date: September 15, 2012.

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SECTION 1 - COMPANY AND PRODUCT IDENTIFICATION

- 1.1 Product Name:** FIBER 700 PF
- 1.2 Company Identification:** Clarke Minerals LLC
1700 66th Street North
Suite 104-1028
St. Petersburg, FL 33710
(863) 868-0088
- 1.3 Emergency Phone Number:** CHEMTREC (24 hours every day): 1-800-424-9300

SECTION 2 - HAZARDS IDENTIFICATION

Appearance: *Off White Powder*

Potential Health Effects:

Skin: may cause irritation in case of direct skin contact

Eye: may cause eye irritation

Inhalation: Excessive inhalation may cause respiratory irritation

Ingestion: Ingestion of large amounts may cause gastrointestinal irritation. Expected to be low ingestion hazard

Carcinogenic Effects: Not available

Mutagenic Effects: Not Available

Teratogenic Effects: Not available

Developmental Toxicity: Not available. Chronic ingestion may cause hypercalcemia, alkosis and may be toxic to kidneys. Prolonged exposure can produce target organs damage. May also produce “milk-alkali syndrome” characterized by neurological symptoms such as irritability, lethargy, stupor and coma.

OSHA/HCS Status: This material is considered hazardous but the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Classification of the substance/mixture: CARCINOGENICITY (inhalation) – Category 1A
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (respiratory tract) (inhalation) – Category 1

Label Elements

Symbols/Pictograms



Signal Word

Danger

Hazard Statements

May cause cancer if inhaled.

Causes damage to organs through prolonged or repeated exposure if inhaled.

Precautionary Statements

Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not breathe dust. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

Response

Get medical attention if you feel unwell. IF exposed or concerned: Get medical attention.

Storage

Store locked up in a dry place.

Disposal

Dispose of waste product or used containers according to local, regional, national and international regulations.

SECTION 3 - COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Ingredient	Chemical Formula	CAS #	%
Calcium Carbonate	CaCO ₃	471-34-1	20-60
Calcium Silicate Mineral	CaSiO ₃	13983-17-0	40-90

SECTION 4 - FIRST AID MEASURES

Skin Contact:

Flush skin with plenty of soap and water for at least 15 mins while removing contaminated clothing and shoes. Get medical aid if irritation develops

Eye Contact:

Flush eyes with plenty of water for at least 15 mins, occasionally lifting the upper and lower lids until no evidence of chemical remains. Get medical aid at once.

Inhalation:

Give artificial respiration if necessary. Move victim to fresh air. Keep victim warm and at rest. Get medical aid at once.

Ingestion:

Do not induce vomiting. If victim is conscious, give 2-4 glasses of water or milk. Get medical aid at once.

SECTION 5 – FIRE AND EXPLOSION DATA

Flammability of the Product: Non-flammable

Auto-Ignition Temperature: N/A

Flash Points: N/A

Upper Flammable Limit: N/A

Lower Flammable Limit: N/A

Hazardous Combustion Products: N/A

Explosion Data – Sensitivity to Impact: N/A

Explosion Data – Sensitivity to Static Discharge: N/A

Special Remarks on Fire Hazards: Will ignite and burn fiercely in contact with fluorine

Special Remarks on Explosion Hazards: a violent explosion may occur if calcium carbonate portion of the product is heated in a current of hydrogen.

NFPA: Health - 1; Flammability - 0; Reactivity - 0

SECTION 6 - ACCIDENTAL RELEASE MEASURES

General Information: Use proper personal protective equipment as indicated in Section 8

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately. Avoid creating airborne particles. Provide ventilation. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities if necessary

SECTION 7 - HANDLING AND STORAGE

Handling Procedures and Equipment: Wash thoroughly after handling. Avoid breathing dust, vapor, mist or gas. Avoid contact with eyes. Wear suitable protective clothing. If ingested, seek medical advice immediately. Keep away from oxidizing agents. Use proper personal protective equipment as indicated in Section 8

Storage Requirements: Store tightly capped at room temperature. Protect from heat in a cool, ventilated area. Protect from incompatibles.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

ACGIH TLV: 10 mg/m³ OSHA PEL: 15 mg/m³ NIOSH: 10 mg/m³

Engineering Controls:

Facilities storing or utilizing this material should be equipped with an eye wash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits above.

Personal Protective Equipment:

Eye: No contact lenses while working with chemicals. Eye wash fountain must be available. Wear appropriate eyeglasses or safety goggles described in 29 CFR 1910.133.

Skin: Wear appropriate protective clothing such as gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing such as gloves to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134. Use NIOSH/MSHA approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid Powder

Odor and Appearance: Odorless fibrous Off White Powder

Odor Threshold: N/A

Taste: Chalky

Boiling Point: N/A

Freezing Point: N/A

Melting Point: 736 °C (1339 °F)

Critical Temperature: N/A

Evaporation Rate: N/A

PH: 7.5

Coefficient of Water/Oil absorption: Not available

Solubility in Water: Very slightly soluble in water.

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability: Yes

Incompatibility with other substances: Somewhat reactive with oxidizing acids, some chlorinated hydrocarbons, fluorine

Corrosivity: Non-corrosive in the presence of glass

Hazardous Decomposition Products: Calcium Oxide

Polymerization: Will not occur

SECTION 11 - TOXICOLOGICAL INFORMATION

Routes of Entry: Inhalation, Ingestion

Effects of Chronic Exposure: Chronic ingestion may cause damage to kidneys. Also alkalosis hypercalcemia and "milk-alkali syndrome" which is characterized by neurological symptoms such as irritability, lethargy, stupor, and coma. Otherwise, it is also slightly hazardous in the case of skin contact (irritation), of ingestion, of inhalation.

Irritancy of Product: Mild

Skin Sensitization: Mild

Carcinogenicity - IARC: Not listed

Reproductive Toxicity: N/A

Embrototoxicity: N/A

Name of Synergistic Products/Effects: N/A

Respiratory Sensitization: Mild

Carcinogenicity – ACGIH: Not listed

Teratogenicity: N/A

Mutagenicity: N/A

SECTION 12 - ECOLOGICAL INFORMATION

Aquatic Toxicity: No Oxygen depletion. Low potential to affect organisms

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal: Dispose of in accordance with Federal, State, and local regulations

SECTION 14 - TRANSPORT INFORMATION

DOT Proper Shipping Name: Not regulated

DOT Hazard Class/ Identification No.: N/A

SECTION 15 - REGULATORY INFORMATION

TSCA: CAS # 471-34-1 is listed on the TSCA inventory. Does not have a Significant New Use Rule

SARA Reportable Quantities (RQ): This product does not have a RQ

CERCLA/SARA Section 313: Not reportable under Section 313

OSHA – Highly Hazardous: Not considered highly hazardous by OSHA

HMIS (USA):

Health Hazard: 2; Fire: 0; Reactivity: 0; Personal Protection: E

National Fire Protection Association:

Health: 1; Flammability: 0; Reactivity: 0; Specific Hazard: 0

SECTION 16 - OTHER INFORMATION

References: Not available

Created: 09/15/2012

Last Updated: 08/25/2020

This MSDS has been prepared according to OSHA Hazard Communication Standard [29 CFR 1910.1200]. The information is based on sources believed to be reliable. Notwithstanding, data, safety standards and government regulations are subject to changes that are beyond the scope of our control. As such, Clarke Minerals LLC makes no warranty, either expressed or implied, with regards to the completeness or future accuracy of the information contained herein. Similarly, Clarke Minerals LLC disclaims all liability for reliance thereon. Furthermore, additional information may be necessary for specific conditions and circumstances. It is therefore the responsibility of the user to determine the suitability of this product and determine the appropriate precautions for protection of their employees

----- End of Safety Data Sheet -----