



**FRANCIS DRILLING FLUIDS, LTD.**

**MATERIAL SAFETY DATA SHEET**

**I. PRODUCT IDENTIFICATION**

Trade Name(s): MAGMAFIBER

Generic Name(s): Vitreous fiber made from blast furnace slag and/or basalt

Chemical Name(s):

Francis Drilling Fluids, LTD.  
P.O. Box 1694  
Crowley, LA 70527-1694

Emergency/Telephone No.: 800-960-6610  
337-783-8685  
Hazardous Materials No.: 800-255-3924  
Poison Control Center No.: 800-256-9822

**II. HAZARDOUS INGREDIENTS**

Ingredient	CAS No.	%	
Material or component mineral fiber		98	

**III. NFPA/HMIS HAZARD IDENTIFICATION SYSTEM**

0=LEAST                  1=SLIGHT                  2=MODERATE                  3=HIGH                  4 =EXTREME

Health: 0

Fire: 0

Reactivity: 0

**0IV. PHYSICAL DATA**

Boiling Point (°F): NA	Specific Gravity (H <sub>2</sub> O=1): 2.6
Vapor Pressure (mm. Hg): NA	Melting Point: 2400
Vapor Density (Air = 1): NA	Evaporation Rate: NA
Solubility in Water: Not soluble	pH: 7.0 - 8.0
Density (at 20° C): NA)	Odor: Low odor
Appearance: Gray/Tan fiber	

## V. FIRE AND EXPLOSION DATA

Flash Point: NA	Flammable Limits: LEL: NA UEL: NA
Special Fire Fighting Procedures: ND	
Unusual Fire and Explosion Hazards: Non-combustible(Astme 84)	
Extinguishing Media: ND	

## VI. REACTIVITY

Stability: Stable
Hazardous Polymerization: No polymerization.
Incompatibility: Acids, can give off hydrogen sulfide gas under certain conditions.
Hazardous Decomposition: None

## VII. HEALTH HAZARD INFORMATION

Routes of Exposure and Effects:		
Skin: ND		
Eyes: ND		
Inhalation: ND		
Ingestion: ND		
Permissible Exposure Limits: (for air contaminants) ND		
OSHA PEL (8hr. TWA): ND		
ACGIH TLV: ND		
Carcinogenicity:		
Listed By NTP: Not listed	Listed By: IARC: Not listed	Listed By OSHA: Not listed
Acute Oral LD50:	Acute Dermal LD50:	Aquatic Toxicology LC50:
Emergency and First Aid Procedures:		
Skin: Wash fiber from skin with soap and water.		
Eyes: Flush immediately with large amounts water. If irritation persists seek medical attention.		
Ingestion: Call a physician.		
Inhalation: Remove to fresh air.		
Additional Health Hazard Information::		

**VIII. HANDLING AND USE PRECAUTIONS**

Steps to be Taken if Material is Released or Spilled: Normal clean-up procedures, avoid creating excessive dust.

Waste Disposal Methods: To landfill in accordance with local, provincial and federal regulations.

Handling and Storage Precautions: ND

**IX. INDUSTRIAL HYGIENE CONTROL MEASURES**

Ventilation Requirements: Local exhaust or mechanical ventilation to keep below TLV.

Respirator: NIOSH approved 3M 8710 or equivalent dust respirator is recommended.

Eye Protection: Safety glasses or goggles to avoid eye irritation.

Gloves: Cotton gloves if dust is irritating.

Other Protective Clothing or Equipment: Personal hygiene should be strongly encouraged so that all clothing items which contact skin are changed daily. Standard work clothes. Long sleeve shirt to minimize skin irritation.

**X. SPECIAL PRECAUTIONS**

**XI. ENVIRONMENTAL/SAFETY REGULATION**

**STATUS ON SUBSTANCE LISTS:**

CERCLA.....NA  
SARA-(TPQS)(RQ'S)..... NA  
SARA(313).....NA  
TSCA.....NA

**DEPARTMENT OF TRANSPORTATION**

Shipping Name: Not restricted

Hazard Class: Nonhazardous

Hazardous Substance: NA

Cautionary Labeling: None required

NA=Not Applicable; ND=Not Determined or No Data

Date Prepared: July 27, 1995

File Name: magfiber

The data presented is true and correct to the best of our knowledge and belief; however, neither seller nor preparer make any warranties, express or implied, concerning the information presented. The user is cautioned to perform his own hazard evaluation and to rely upon his own determinations.