



FRANCIS DRILLING FLUIDS, LTD.

MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

Trade Name(s): Graphite

Generic Name(s): Natural Amorphous Graphite Lubricant

Chemical Name(s): Carbon

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.	%	Hazard
None			

III. NFPA/HMIS HAZARD IDENTIFICATION SYSTEM

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

Health: 0

Fire: 0

Reactivity: 0

IV. PHYSICAL DATA

Boiling Point (°F): ND	Specific Gravity (H ₂ O=1): 2.1
Vapor Pressure (mm. Hg): ND	Melting Point: ND
Vapor Density (Air = 1): ND	Evaporation Rate: ND
Solubility in Water: ND	pH: ND
Density (at 20° C): ND	Odor: ND
Appearance: Very fine black powder	

V. FIRE AND EXPLOSION DATA

Flash Point: ND	Flammable Limits: LEL: ND UEL: ND
Special Fire Fighting Procedures: None Known	
Unusual Fire and Explosion Hazards: None Known	
Extinguishing Media: ND	

VI. REACTIVITY

GRAPHITE

Stability: Stable
Hazardous Polymerization: Will Not Occur
Incompatibility: Temperatures above 900° F
Hazardous Decomposition: None known

VII. HEALTH HAZARD INFORMATION

Routes of Exposure and Effects: Entry into the body is not expected when observing standard industrial hygiene procedures.
Skin: Mild irritant if prolonged contact.
Eyes: Irritant (direct contact).
Inhalation: May cause slight respiratory discomfort.
Ingestion: No effects anticipated.
Permissible Exposure Limits: (for air contaminants) ND
OSHA PEL (8hr. TWA): Not Available
ACGIH TLV: Not Available
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: Rinse with water.
Eyes: In case of contact with eyes, flush with plenty of fresh water.
Ingestion: No first aid anticipated.
Inhalation: Remove to fresh air, if discomfort persists consult a physician.
Additional Health Hazard Information:.
Avoid direct contact with eyes, skin and mouth.

VIII. HANDLING AND USE PRECAUTIONS

Steps to be Taken if Material is Released or Spilled: Sweep up into container, recycle if possible
Waste Disposal Methods: Disposal in an industrial landfill, according to all applicable laws.
Handling and Storage Precautions: Avoid breathing heavy concentrations of dust, avoid spillage as floors may become slippery, store product in sealed container or bag.

IX. INDUSTRIAL HYGIENE CONTROL MEASURES

Ventilation Requirements:
Respirator: Use OSHA approved respirator

Eye Protection: Safety glasses	
Gloves: Gloves	
Other Protective Clothing or Equipment:	
X. SPECIAL PRECAUTIONS	
Avoid breathing heavy concentrations of dust, avoid spillage as floors may become slippery, store product in sealed container or bag.	
XI. ENVIRONMENTAL/SAFETY REGULATION	
DEPARTMENT OF TRANSPORTATION	
Shipping Name: Not required	Hazard Class: Not hazardous
Hazardous Substance: Not hazardous	
Cautionary Labeling: None required	
NA=Not Applicable; ND=Not Determined or No Data	Date Prepared: June 14, 1995

File Name: graphite

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.