



FRANCIS DRILLING FLUIDS, LTD.

MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

Trade Name(s): Gilsonite	
Generic Name(s):	
Chemical Name(s): Gilsonite	
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
Nuisance dust			

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): NA	Specific Gravity (H ₂ O=1): 1.06/gm/cm ³
Vapor Pressure (mm Hg): NA	Melting Point: ND
Vapor Density (Air = 1): NA	Evaporation Rate: (BU AC = 1) NA
Solubility in Water: 40%	pH: (1%) NA
Density @ 20° C: ND	
Appearance: Dark brown to black powder	Odor: Earthy

V. FIRE AND EXPLOSION DATA

Flash Point: 599 °F	Flammable Limits: LEL: 20 oz/1000 cu ft UEL: ND
Special Fire Fighting Procedures: Do not enter any enclosed or confined fire space without proper protective equipment, including self contained breathing apparatus.	
Unusual Fire and Explosion Hazards: Dusts are subject to combustion or explosion upon contact with sparks, open flame or	

temperature in excess of 570°F.

Extinguishing Media: Carbon Dioxide, dry chemical, foam, and water fog are safe to use.

VI. REACTIVITY

Stability: Stable

Hazardous Polymerization: Will not Occur

Incompatibility: Strong oxidizers

Hazardous Decomposition: Normal combustion forms oxides of Carbon and Nitrogen.

VII. HEALTH HAZARD INFORMATION

Routes of Exposure and Effects:

Skin: No effects anticipated.

Eyes: Direct contact may cause irritation

Inhalation: No effects anticipated when airborne concentrations are below TLV for nuisance dust. Respiratory discomfort any dyspnea may result from overexposure.

Ingestion: No effects were seen in chronic feeding of laboratory animals.

Permissible Exposure Limits: (for air contaminants)

OSHA PEL (8hr. TWA): ND

ACGIH TLV: 15mg/m³

Carcinogenicity:

Listed By NTP: ND

Listed By: IARC: ND

Listed By OSHA: ND

Acute Oral LD50:

Acute Dermal LD50:

Aquatic Toxicology LC50:

Emergency and First Aid Procedures:

Skin: Wash thoroughly with soap and water. If rash develops, consult a physician.

Eyes: Irrigate with warm water for 15 minutes. If irritation continues consult a physician.

Ingestion: No first aid anticipated.

Inhalation: Move to fresh air. Seek medical attention if discomfort persists.

Additional Health Hazard Information:

VIII. HANDLING AND USE PRECAUTIONS

Steps to be Taken if Material is Released or Spilled: Clean up spills immediately and place in disposable container. Rinse with water.

Waste Disposal Methods: Dispose of in accordance with all local, state and federal regulations.

Handling and Storage Precautions: Keep from heat and flame. Never handle in areas where ventilation is inadequate.

IX. INDUSTRIAL HYGIENE CONTROL MEASURES

Ventilation Requirements: Ventilation recommended for high airborne concentration

Respirator: Particle dust mask. An approved respirator recommended for high airborne concentration.	
Eye Protection: Goggles for nuisance dust.	
Gloves: Cotton gloves	
Other Protective Clothing or Equipment:	
X. SPECIAL PRECAUTIONS	
XI. ENVIRONMENTAL/SAFETY REGULATION	
DEPARTMENT OF TRANSPORTATION	
Shipping Name: Not Regulated	Hazard Class: Nonhazardous
Hazardous Substance: NA	
Cautionary Labeling: NA	
NA=Not Applicable; ND=Not Determined or No Data	Date Prepared: June 13, 1995

File Name: Gilsonit

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.