



# FRANCIS DRILLING FLUIDS, LTD.

## MATERIAL SAFETY DATA SHEET

### I. PRODUCT IDENTIFICATION

Trade Name(s): MUD-WISER -Drilling fluid additive

Generic Name(s):

Chemical Name(s): Polyanionic Polymer Derivative

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.	%	
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): NA	Specific Gravity (H <sub>2</sub> O=1): NA
Vapor Pressure (mm. Hg): NA	Melting Point: ND
Vapor Density (Air = 1): NA	Evaporation Rate: NA
Solubility in Water: Complete	pH: ND
Density (at 20° C): ND	Odor: No odor
Appearance: Cream-colored powder	

## V. FIRE AND EXPLOSION DATA

Flash Point: NA

Flammable Limits: LEL: NA UEL: NA

Special Fire Fighting Procedures: None.

Unusual Fire and Explosion Hazards: Concentrated dust/air mixtures may be explosive. Avoid open lights, flames, and sparking sources.

Extinguishing Media: Water, foam or CO2.

## VI. REACTIVITY

Stability: Stable

Hazardous Polymerization: No polymerization.

Incompatibility: Strong oxidizing agents.

Hazardous Decomposition: None

## VII. HEALTH HAZARD INFORMATION

Routes of Exposure and Effects:

Skin: ND

Eyes: ND

Inhalation: May cause mild irritation to respiratory system.

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 with soap and water. Call a physician if irritation develops.

Eyes: Flush immediately with large amounts of water for at least 15 minutes and call a physician.

Ingestion: Drink plenty of water; if irritation occurs seek advice from a physician.

Inhalation: If affected remove to fresh air.

Additional Health Hazard Information::

### VIII. HANDLING AND USE PRECAUTIONS

Steps to be Taken if Material is Released or Spilled: Sweep up, and reuse/recycle. Wet floors may become very slippery if contacted with product.

Waste Disposal Methods: Dispose of in accordance with all applicable Federal, State and Local regulations.

Handling and Storage Precautions: Normal precautions common to good manufacturing practices should be followed in handling and storage. Avoid wet or damp storage. Store away from high heat sources, and avoid concentrated dust-air mixtures.

### IX. INDUSTRIAL HYGIENE CONTROL MEASURES

Ventilation Requirements: As needed to control concentrations of dust.

Respirator: OSHA/NIOSH approved respirator as needed.

Eye Protection: Safety glasses or goggles recommended for prolonged exposure.

Gloves: None.

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.

### X. SPECIAL PRECAUTIONS

**Avoid wet or damp storage. Store away from high heat sources, and avoid concentrated dust-air mixtures.**

### XI. ENVIRONMENTAL/SAFETY REGULATION

#### 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 25, 1995

File Name: Mud-wiser

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.