



# FRANCIS DRILLING FLUIDS, LTD.

## MATERIAL SAFETY DATA SHEET

### I. PRODUCT IDENTIFICATION

Trade Name(s): MF 1 Selective Flocculant

Generic Name(s): Polymer Flocculant

Chemical Name(s): Acrylate/Polyacrylamide

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: 1

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: Soluble	pH: 6.0-7.0
Density (at 20° C): Bulk 34.2 lb/ft <sup>3</sup>	Odor: Odorless
Appearance: Fine White Powder	

### V. FIRE AND EXPLOSION DATA

Flash Point: NA	Flammable Limits: LEL: ND UEL: ND
Special Fire Fighting Procedures: None Known	
Unusual Fire and Explosion Hazards: None Known	
Extinguishing Media: Foam, CO <sub>2</sub> , Dry Chemical	

### VI. REACTIVITY

MF 1 SELECTIVE FLOCCULANT

Stability: Stable		
Hazardous Polymerization: Will Not Occur		
Incompatibility: Strong Oxidizers		
Hazardous Decomposition: Not Available		
<b>VII. HEALTH HAZARD INFORMATION</b>		
Routes of Exposure and Effects: Entry into body is not expected when observing industrial hygiene procedures.		
Skin: None		
Eyes: None		
Inhalation: None		
Ingestion: None		
Permissible Exposure Limits: (for air contaminants) ND		
OSHA PEL (8hr. TWA): ND		
ACGIH TLV: ND		
Carcinogenicity: ND		
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: None required.		
Eyes: In case of contact with eyes, flush with plenty of fresh water.		
Ingestion: No special first-aid measures required.		
Inhalation: Remove to fresh air.		
Additional Health Hazard Information:: Avoid direct contact with eyes, skin and mouth.		
<b>VIII. HANDLING AND USE PRECAUTIONS</b>		
Steps to be Taken if Material is Released or Spilled: Sweep up into container, recycle, if possible.		
Waste Disposal Methods: disposal in industrial landfill, according to applicable laws.		
Handling and Storage Precautions: Avoid spillage as floors may become slippery Store in sealed containers.		
<b>IX. INDUSTRIAL HYGIENE CONTROL MEASURES</b>		
Ventilation Requirements: Local or Mechanical Exhaust		
Respirator: OSHA approved respirator		
Eye Protection: Chemical safety glasses, face shield may be needed		
Gloves: Chemical Rubber Gloves		
Other Protective Clothing or Equipment:		

**X. SPECIAL PRECAUTIONS**

**XI. ENVIRONMENTAL/SAFETY REGULATION**

**DEPARTMENT OF TRANSPORTATION**

Shipping Name: Oil Well Drilling Mud Treating Compound	Hazard Class: Not Hazardous
Hazardous Substance: NA	
Cautionary Labeling: NA	
NA=Not Applicable; ND=Not Determined or No Data	Date Prepared: June 15, 1995

File Name: polymer

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.