



# FRANCIS DRILLING FLUIDS, LTD.

## MATERIAL SAFETY DATA SHEET

### I. PRODUCT IDENTIFICATION

Trade Name(s): DMS

Generic Name(s):

Chemical Name(s): Mix oxyethylated phenols

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
No hazardous ingredients			

### III. NFPA/HMIS HAZARD IDENTIFICATION SYSTEM

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

Health: 1

Fire: 0

Reactivity: 0

### IV. PHYSICAL DATA

Boiling Point (°F): NA	Specific Gravity (H <sub>2</sub> O=1): 1.1
Vapor Pressure (mm. Hg): NA	Melting Point: ND
Vapor Density (Air = 1): NA	Evaporation Rate: NA
Solubility in Water: NA	pH: 9 - 10
Density (at 20° C): ND	Odor: ND
Appearance: Light Amber	

### V. FIRE AND EXPLOSION DATA

Flash Point: +200° F PMCC	Flammable Limits: LEL: ND UEL: ND
Special Fire Fighting Procedures: ND	
Unusual Fire and Explosion Hazards: None reported.	
Extinguishing Media: Water, carbon dioxide, dry or chemical foam are safe to use.	

## VI. REACTIVITY

Stability: Stable

Hazardous Polymerization: No polymerization.

Incompatibility: Acid, Oxidizer, Strong alkalies.

Hazardous Decomposition: Does not decompose.

## VII. HEALTH HAZARD INFORMATION

Routes of Exposure and Effects:

Skin: Skin irritant.

Eyes: May be eye irritant.

Inhalation: May be irritating to mucous membranes.

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.

Eyes: Flush with water and get medical attention immediately.

Ingestion: Induce vomiting if victim is conscious. Contact emergency medical unit.

Inhalation: Remove to fresh air.

Additional Health Hazard Information::

## VIII. HANDLING AND USE PRECAUTIONS

Steps to be Taken if Material is Released or Spilled: Cover with absorbent material. Do not allow material to run off or leach into waterways. Do not put down sewer system.

Waste Disposal Methods: Any method for the disposal of chemical subject to regulations.

Handling and Storage Precautions: Store in cool, dry area. Keep away from fire and heat.

**IX. INDUSTRIAL HYGIENE CONTROL MEASURES**

Ventilation Requirements: Supply adequate ventilation.

Respirator: Use approved mask for organic vapors.

Eye Protection: Wear chemical safety glasses.

Gloves: Wear rubber gloves.

Other Protective Clothing or Equipment:

**X. SPECIAL PRECAUTIONS**

**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 21, 1995

File Name: dms

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.