



# FRANCIS DRILLING FLUIDS, LTD.

## MATERIAL SAFETY DATA SHEET

### I. PRODUCT IDENTIFICATION

Trade Name(s): No-Phalt	
Generic Name(s): Sulfonated Asphalt	
Chemical Name(s): Asphalt	
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 known			

### III. NFPA/HMIS HAZARD IDENTIFICATION SYSTEM

0=LEAST	1=SLIGHT	2=MODERATE	3=HIGH	4 =EXTREME
Health: 1				
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: ND
Solubility in Water: Dispersible	pH: NA
Bulk Density: 40 Cu Ft.	
Appearance: Black powder	Odor: Mild

### V. FIRE AND EXPLOSION DATA

Flash Point: NA	Flammable Limits: LEL: NA UEL: NA
Special Fire Fighting Procedures: Use supplied breathing air and protective clothing.	
Unusual Fire and Explosion Hazards: Flammable solids may provide conditions for a dust explosion.	
Extinguishing Media: Use water spray, carbon dioxide, dry chemical, alcohol type, or universal type foams applied by manufacturer's recommended techniques.	

**NO-PHALT**

## VI. REACTIVITY

Stability: Stable

Hazardous Polymerization: Will Not Occur

Incompatibility: Avoid contact with strong oxidizing agents.

Hazardous Decomposition: Ammonia, carbon dioxide and carbon monoxide.

## VII. HEALTH HAZARD INFORMATION

Routes of Exposure and Effects:

Skin: Irritant.

Eyes: Irritant.

Inhalation: Irritant to nose, throat, and lungs.

Ingestion: None reported.

Permissible Exposure Limits: (for air contaminants)

OSHA PEL (8hr. TWA): 15 mg/m<sup>3</sup>

ACGIH TLV: 15 mg/m<sup>3</sup>

Carcinogenicity:

Listed By NTP: Not Listed

Listed By: IARC: Not Listed

Listed By OSHA:

Acute Oral LD50:

Acute Dermal LD50:

Aquatic Toxicology LC50:

Emergency and First Aid Procedures:

Skin: Flush with clean water.

Eyes: Irrigate with potable water.

Ingestion: Give water to dilute and get medical attention.

Inhalation: Remove to fresh air.

Additional Health Hazard Information: Note to Physician - Very low toxicity. Direct treatment of over exposure at controlling symptoms and the clinical condition.

## VIII. HANDLING AND USE PRECAUTIONS

Steps to be Taken if Material is Released or Spilled: Mechanically collect and remove spilled material. Area may be washed with water if desired. No neutralizing chemicals required.

Waste Disposal Methods: Disposal must be arranged in accordance with local, state and federal regulations.

Handling and Storage Precautions: As with all dusts, avoid high concentrations, minimize contact with eyes, skin and clothing.

## IX. INDUSTRIAL HYGIENE CONTROL MEASURES

Ventilation Requirements: Adequate ventilation for comfort is recommended. Refer to the ACGIH document "Industrial Ventilation, A Manual of Recommended Practices", most recent edition, for details.

Respirator: If a powder, use a NIOSH approved dust mask is recommended. A full respiratory protection program is recommended. Refer to the NIOSH/OSHA "Occupational Health Guidelines for Chemical Hazards for additional details.

Eye Protection: Goggles recommended for prolonged exposure.

Gloves: Gloves recommended for prolonged exposure.

Other Protective Clothing or Equipment: Clothing which contacts skin should be changed daily.

**X. SPECIAL PRECAUTIONS**

**XI. ENVIRONMENTAL/SAFETY REGULATION**

**DEPARTMENT OF TRANSPORTATION**

Shipping Name: Not regulated

Hazard Class: Nonhazardous

Hazardous Substance: NA

Cautionary Labeling: None

NA=Not Applicable; ND=Not Determined or No Data

Date Prepared: June 13, 1995

File Name: nophalt

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.