



# FRANCIS DRILLING FLUIDS, LTD.

## MATERIAL SAFETY DATA SHEET

### I. PRODUCT IDENTIFICATION

Trade Name(s): SAPP	
Generic Name(s):	
Chemical Name(s): Sodium Acid Pyrophosphate	
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: 1				

### IV. PHYSICAL DATA

Boiling Point (°F): NA	Specific Gravity (H <sub>2</sub> O=1): 2.45
Vapor Pressure (mm. Hg): NA	Melting Point: ND
Vapor Density (Air = 1): NA	Evaporation Rate: NA
Solubility in Water: At 20° C: Freely soluble.	pH: 4.3
Density (at 20° C): Bulk density 68 lb./ ft.	Odor: Odorless
Appearance: White	

### V. FIRE AND EXPLOSION DATA

Flash Point: NA	Flammable Limits: LEL: ND UEL: ND
Special Fire Fighting Procedures: Self-contained breathing apparatus may be required.	
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

Hazardous Decomposition: Does not decompose.

## VII. HEALTH HAZARD INFORMATION

Routes of Exposure and Effects: Avoid contact with eyes and skin. Low toxicity.

Skin: Irritant

Eyes: Irritant

Inhalation: Irritant to mucous membranes.

Ingestion: Gastrointestinal irritation.

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. Obtain medical attention.

Eyes: Wash thoroughly with running water for 15 minutes. Obtain medical attention.

Ingestion: Drink water. Induce vomiting. Obtain medical attention

Inhalation: Remove to fresh air. Obtain medical attention in severe cases.

Additional Health Hazard Information:  
Avoid contact with eyes and skin. Low toxicity.

## VIII. HANDLING AND USE PRECAUTIONS

Steps to be Taken if Material is Released or Spilled: If dry spill sweep up into waste container.

Waste Disposal Methods: No special procedures.

Handling and Storage Precautions: Store in a dry area. Keep dust to a minimum.

## IX. INDUSTRIAL HYGIENE CONTROL MEASURES

Ventilation Requirements: Supply adequate ventilation.

Respirator: Use approved particle dust mask.

Eye Protection: Wear protective goggles or glasses.	
Gloves: Wear protective gloves.	
Other Protective Clothing or Equipment: None required.	
<b>X. SPECIAL PRECAUTIONS</b>	
<b>XI. ENVIRONMENTAL/SAFETY REGULATION</b>	
<b>DEPARTMENT OF TRANSPORTATION</b>	
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 24, 1995

File Name: Sapp

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.