



# FRANCIS DRILLING FLUIDS, LTD.

## MATERIAL SAFETY DATA SHEET

### I. PRODUCT IDENTIFICATION

Trade Name(s): Super Sweep 2980B

Generic Name(s):

Chemical Name(s): Chemical Family: Surfactants Chemical Formula: Proprietary

Francis Drilling Fluids, LTD.  
P.O. Box 1694  
Crowley, LA 70527-1694

Emergency/Telephone No.: 800-960-6610  
318-783-8685  
Hazardous Materials No.: 800-255-3924  
Poison Control Center No.: 800-256-9822

### II. HAZARDOUS INGREDIENTS

Ingredient	CAS No.	%	Hazard
HAN		ap 75	ACGIH TLV No single TLV applicable
Ethylene Glycol Monobutyl Ether	111-76-2	6	ACGIH 25ppm OSHA PEL 50ppm

### III. NFPA/HMIS HAZARD IDENTIFICATION SYSTEM

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

Health: 1

Fire: 2

Reactivity: 0

### IV. PHYSICAL DATA

Boiling Point (°F): >500° F	Specific Gravity (H <sub>2</sub> O=1): .83 - .84
Vapor Pressure (mm. Hg): NA	Melting Point: NA
Vapor Density (Air = 1): ND	Evaporation Rate: NA
Solubility in Water: Negligible	pH: NA
Density (at 20° C): ND	Odor: Pungent odor
Appearance: Clear liquid	

### V. FIRE AND EXPLOSION DATA

Flash Point: >100°F	Flammable Limits: LEL: ND UEL: ND
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Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: Containers may explode from internal pressure if confined to fire. Cool with water. Keep unnecessary people away.

Extinguishing Media: Water fog or spray, foam, dry powder, carbon dioxide (CO<sub>2</sub>)

## VI. REACTIVITY

Stability: Stable

Hazardous Polymerization: Will not occur

Incompatibility: Oxidizers or oxidizing materials.

Hazardous Decomposition: CO<sub>2</sub> and carbon monoxide.

## VII. HEALTH HAZARD INFORMATION

Routes of Exposure and Effects:

Skin: Irritation to skin.

Eyes: Irritation to eyes.

Inhalation: Irritation to respiratory tract.

Ingestion: Irritant

Permissible Exposure Limits: (for air contaminants) ND

OSHA PEL (8hr. TWA): Ethylene glycol monobutyl ether 50ppm

ACGIH TLV: Ethylene glycol monobutyl ether 25pm

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 off thoroughly with soap and water. Seek medical attention.

Eyes: Flush with large amounts of water for 15 minutes and get medical attention.

Ingestion: Do not induce vomiting. Contact physician.

Inhalation: Remove to fresh air. Give oxygen if necessary. Contact a physician.

Additional Health Hazard Information::

## VIII. HANDLING AND USE PRECAUTIONS

Steps to be Taken if Material is Released or Spilled: In case of spillage, absorb with inert material and dispose in accordance with applicable regulations. In case of spillage, wet down with water and remove immediately.

Waste Disposal Methods: Industrial waste, follow all applicable Federal, State and Local regulations.

Handling and Storage Precautions: Store away from acids. Store away from oxidizers or materials bearing a yellow "DOT" label. Do not use on toys, furniture or surfaces of other articles which might be chewed by children. Wash hands thoroughly after using and before smoking or eating. Keep away from heat and flame.

### IX. INDUSTRIAL HYGIENE CONTROL MEASURES

Ventilation Requirements: Local exhaust recommended. Mechanical (general) desired in closed spaces.

Respirator: Approved NIOSH organic vapor mask.

Eye Protection: Safety goggles and face shield when splash may occur.

Gloves: Impervious gloves.

Other Protective Clothing or Equipment: Apron

### X. SPECIAL PRECAUTIONS

### XI. ENVIRONMENTAL/SAFETY REGULATION

TSCA: All ingredients in this product are on the Toxic Substance Control Act (TSCA) Inventory List, 15 U.S.C.

### DEPARTMENT OF TRANSPORTATION

Shipping Name: Combustible Liquid N.O.S. NA1993	Hazard Class: 3 *Not DOT regulated in 55 gallon drums
Hazardous Substance: None	
Cautionary Labeling: None	Placard: NA1993
NA=Not Applicable; ND=Not Determined or No Data	Date Prepared: August 2, 1995

File Name: 2980B

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.