



FRANCIS DRILLING FLUIDS, LTD.

MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

Trade Name(s): Carboxymethyl Cellulose - T- Grade	
Generic Name(s):	
Chemical Name(s):	
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
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):Decomposition @ 240° C	Specific Gravity (H ₂ O=1): N/A
Vapor Pressure (mm. Hg):N/A	Melting Point: N/A
Vapor Density (Air = 1):N/A	Evaporation Rate:N/A
Solubility in Water: Soluble	pH: NA
Density (at 20° C): NA	Odor: Odorless
Appearance: White powder , free flowing	

V. FIRE AND EXPLOSION DATA

Flash Point: N/A	Flammable Limits: LEL:N/A UEL: N/A

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

Extinguishing Media: Water spray or CO₂.

VI. REACTIVITY

Stability: Stable

Hazardous Polymerization: Will not occur.

Incompatibility: N/A

Hazardous Decomposition: N/A

VII. HEALTH HAZARD INFORMATION

Routes of Exposure and Effects: Inhalation, Ingestion.

Skin: Slightly irritating.

Eyes: Dust may be irritating to the eyes.

Inhalation: Seek medical attention.

Ingestion: Extreme ingestion may cause a slight laxative effect.

Permissible Exposure Limits: (for air contaminants) NA

OSHA PEL (8hr. TWA): NA

ACGIH TLV: NA

Carcinogenicity: NA

Listed By NTP: NA

Listed By: IARC: NA

Listed By OSHA: Not regulated

Acute Oral LD50:

Acute Dermal LD50:

Aquatic Toxicology LC50:

Emergency and First Aid Procedures:

Skin: Wash effected area with soap and water.

Eyes: Flush with water.

Ingestion: Consult a physician.

Inhalation: Remove to fresh air.

Additional Health Hazard Information::

VIII. HANDLING AND USE PRECAUTIONS

Steps to be Taken if Material is Released or Spilled: Sweep up and dispose of in approved waste containers.

Waste Disposal Methods: Follow Federal, State and Local regulations.

Handling and Storage Precautions: Store in a cool, dry, well-ventilated area.

IX. INDUSTRIAL HYGIENE CONTROL MEASURES

Ventilation Requirements: Local Exhaust: If required; Mechanical: Adequate

Respirator: Not required if product is used with adequate ventilation.

Eye Protection: Safety glasses with side shields.

Gloves: If required.

Other Protective Clothing or Equipment: Long sleeve shirt, trousers, and safety shoes.

X. SPECIAL PRECAUTIONS

Unnecessary exposure to any chemical should be avoided.

XI. ENVIRONMENTAL/SAFETY REGULATION

DEPARTMENT OF TRANSPORTATION

Shipping Name: Not restricted	Hazard Class: Nonhazardous
Hazardous Substance: NA	
Cautionary Labeling: None	
NA=Not Applicable; ND=Not Determined or No Data	Date Prepared: July 7, 1995

File Name: CARBOXYM

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.