



# FRANCIS DRILLING FLUIDS, LTD.

## MATERIAL SAFETY DATA SHEET

### I. PRODUCT IDENTIFICATION

Trade Name(s): Nut Shells

Generic Name(s): Nut Shells

Chemical Name(s): Natural Organic Nutshells Pecan

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			

### 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): ND	Specific Gravity (H <sub>2</sub> O=1): 1.2
Vapor Pressure (mm. Hg): ND	Melting Point: ND
Vapor Density (Air = 1): ND	Evaporation Rate: ND
Solubility in Water: Insoluble	pH: (1%) NA
Density (at 20° C): Bulk 36.5 lb/ft <sup>3</sup>	Odor: Odorless
Appearance: Graded, sized, brown shells	

### V. FIRE AND EXPLOSION DATA

Flash Point: 380°F      Flammable Limits:      LEL: ND      UEL: ND

Special Fire Fighting Procedures: None Known

Unusual Fire and Explosion Hazards: None Known

Extinguishing Media: Water, foam, CO<sub>2</sub>, Earth

### VI. REACTIVITY

**NUT SHELLS**

Stability: Stable		
Hazardous Polymerization: Will Not Occur		
Incompatibility: Sources of high heat		
Hazardous Decomposition: None known		
<b>VII. HEALTH HAZARD INFORMATION</b>		
Routes of Exposure and Effects: Entry into the body is not expected when observing standard industrial hygiene procedures.		
Skin: None reported.		
Eyes: None reported.		
Inhalation: None reported.		
Ingestion: None reported.		
Permissible Exposure Limits: (for air contaminants) ND		
OSHA PEL (8hr. TWA): Not Available		
ACGIH TLV: Not Available		
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: None required.		
Eyes: In case of contact with eyes, flush with plenty of fresh water.		
Ingestion: None required.		
Inhalation: None required.		
Additional Health Hazard Information::		
Avoid direct contact with eyes, skin and mouth.		
<b>VIII. HANDLING AND USE PRECAUTIONS</b>		
Steps to be Taken if Material is Released or Spilled: Sweep up into container, recycle if possible		
Waste Disposal Methods: Disposal in an industrial landfill, according to all applicable laws.		
Handling and Storage Precautions: Avoid breathing heavy concentrations of dust, avoid spillage as floors may become slippery, store product in sealed container or bag.		
<b>IX. INDUSTRIAL HYGIENE CONTROL MEASURES</b>		
Ventilation Requirements: None required.		
Respirator: Use OSHA approved respirator		

Eye Protection: Safety glasses	
Gloves: Gloves	
Other Protective Clothing or Equipment:	
<b>X. SPECIAL PRECAUTIONS</b>	
Avoid breathing heavy concentrations of dust, avoid spillage as floors may become slippery, store product in sealed container or bag.	
<b>XI. ENVIRONMENTAL/SAFETY REGULATION</b>	
<b>DEPARTMENT OF TRANSPORTATION</b>	
Shipping Name: Not required	Hazard Class: Not hazardous
Hazardous Substance: Not hazardous	
Cautionary Labeling: None required	
NA=Not Applicable; ND=Not Determined or No Data	Date Prepared: June 14, 1995

File Name: nutshell

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.