

# MATERIAL SAFETY DATA SHEET

**FOR PUBLIC RELEASE**

## SECTION I: IDENTIFICATION OF PRODUCT

**SUPPLIER:** Professional Fluid Services, LLC  
 PO Box 80293  
 Lafayette, Louisiana

**PRODUCT NAME:** Drill-Xpress™

**PRODUCT USE:** Drilling Fluid/Cement Spacer

**CHEMICAL FAMILY:** Mixture

### WORK PLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

**WHMIS CLASSIFICATION:** Not a Controlled Product Under WHMIS

**WORK PLACE HAZARD:** N/A

### TRANSPORTATION OF DANGEROUS GOODS (TDG)

**SHIPPING NAME:** Not Regulated Under TDG

**TDG CLASSIFICATION:** N/A

**UN NUMBER (PIN):** N/A

**PACKING GROUP:** N/A

## SECTION II: HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>PERCENT</u>	<u>CAS NUMBER</u>	<u>LD<sub>(50)</sub> Oral-Rat</u>	<u>LD<sub>(50)</sub> Inhal-Rat</u>	<u>ACGIH TLV</u>
No Hazardous Ingredients					

## SECTION III: TOXICOLOGICAL PROPERTIES

**ROUTE OF ENTRY:** [XX] SKIN [XX] EYE CONTACT [XX] INHALATION [XX] INGESTION

**EYE CONTACT:** May cause eye irritation.

**SKIN CONTACT:** Mild skin irritation.

**INGESTION:** May cause nausea or vomiting if ingested in large quantities (1/4 cup).

**INHALATION:** Prolonged breathing of mists of this product can cause irritation of the mucous membranes.

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## SECTION IV: FIRST AID MEASURES

<b>EYE CONTACT:</b>	Rinse Immediately with plenty of water also under the eyelids for at least 20 minutes. Remove contact lenses.
<b>SKIN CONTACT:</b>	Wash off immediately with plenty of water for at least 20 minutes.
<b>INGESTION:</b>	Never give anything by mouth to an unconscious person. Prevent aspiration of vomit. Turn victim's head to the side.
<b>INHALATION:</b>	Move to fresh air.

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## SECTION V: PHYSICAL DATA

<b>APPEARANCE AND ODOUR:</b>	Amber / Mild Odour
<b>SPECIFIC GRAVITY:</b>	0.94
<b>BOILING POINT (°C):</b>	289°C
<b>MELTING POINT (°C):</b>	N/A
<b>pH:</b>	8
<b>SOLUBILITY IN WATER:</b>	N/A
<b>PERCENT VOLATILE BY VOLUME:</b>	N/A
<b>EVAPORATION RATE:</b>	N/A
<b>VAPOUR PRESSURE (mm Hg):</b>	0.01 @ 20°C
<b>VAPOUR DENSITY (Air =1):</b>	

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## SECTION VI: FIRE AND EXPLOSION HAZARD DATA

<b>FLASH POINT:</b>	>110°C
<b>FLAMMABLE LIMITS:</b>	N/A
<b>EXTINGUISHING MEDIA:</b>	Alcohol-resistant foam, CO <sub>2</sub> , dry chemical, dry sand or limestone powder.
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	In the event of a fire, wear self-contained breathing apparatus. Use personal protective equipment.
<b>UNUSUAL FIRE / EXPLOSION HAZARDS:</b>	Incomplete combustion may form carbon monoxide. Downwind personnel must be evacuated. Burning produces obnoxious and toxic fumes.

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## SECTION VII: REACTIVITY DATA

STABILITY:	Stable [XX]	Unstable [ ]
<b>INCOMPATIBILITY (CONDITIONS TO AVOID):</b>	Avoid dehydrating agents, reactive metals (ex. Sodium, calcium, zinc etc.) materials reactive with hydroxyl compounds, and oxidizing agents.	
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	Carbon monoxide, carbon dioxide, aldehydes, flammable hydrocarbon fragments (ex. Acetylene)	
<b>HAZARDOUS POLYMERIZATION:</b>	Will Not Occur [XX]	May Occur [ ]

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## VIII: PREVENTIVE MEASURES

### SPECIAL PROTECTION INFORMATION

<b>RESPIRATORY PROTECTION:</b>	Not required for properly ventilated areas.
<b>VENTILATION:</b>	Provide natural or explosion proof ventilation adequate to ensure concentrations are kept below exposure limit.
<b>PROTECTIVE GLOVES:</b>	Neoprene or nitrile rubber gloves.
<b>EYE PROTECTION:</b>	Chemical resistant goggles must be worn.
<b>OTHER PROTECTIVE EQUIPMENT:</b>	Have eye wash station & shower readily available.

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Adhere to work practice rules established by government regulations. Avoid contact with eyes. Use personal protective equipment. When using, do not eat, drink or smoke. Keep containers tightly closed in a dry, cool and well-ventilated place.

### STEPS TO BE TAKEN IN CASE THE MATERIAL IS SPILLED OR RELEASED

Wear appropriate personal protective equipment. Evacuate personnel to safe areas. Construct a dike to prevent spreading. Approach suspected leak areas with caution. Collect and place in appropriate chemical waste container.

### WASTE DISPOSAL METHOD

Incinerate or dispose concentrated product according to all federal and provincial laws and regulations. So not flush to surface waters. Recommended application rate dilute solutions are biodegradable.

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## SECTION IX: PREPARATION

THE INFORMATION CONTAINED HEREIN IS GIVEN IN GOOD FAITH, BUT NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE.

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<b>DATE MODIFIED:</b>	<b>January 2009</b>	<b>24 HOUR PHONE:</b>	<b>888-862-7177 or 337-984-8911</b>
<b>SUPERSEDES:</b>	<b>New</b>		