



### SECTION I – PRODUCT IDENTIFICATION

COMPANY: **Prairie Mud Service**  
**738-6<sup>th</sup> Street**  
**Estevan, SK S4A 1A4**

DATE: **April 1, 2016**  
PHONE: **306-634-3411**  
EMERG #: **306-634-3411**

PRODUCT NAME: **DD XPAND**

PRODUCT USE: Loss circulation and plug additive

### SECTION II – HAZARDOUS INGREDIENTS OF MATERIALS

Chemical Identity	Concentration	CAS#/NA#/UN#	LD (50)	LC (50)
Free acrylamide			Not a WHMIS controlled product	

### SECTION III – PHYSICAL DATA FOR PRODUCT

PHYSICAL STATE:	White granular crystals
ODOUR AND APPEARANCE:	White granular crystals.
ODOUR THRESHOLD:	No odour.
SPECIFIC GRAVITY:	08 @ 25 degrees Celcius
VAPOR PRESSURE:	Not applicable
VAPOR DENSITY (Air= 1):	Not applicable
EVAPORATION RATE:	Not applicable
BOILING POINT:	Not applicable
FREEZING POINT:	Not applicable
pH:	Not applicable
DENSITY (g/ml):	Not applicable
COEFFICIENT OF WATER/OIL DISTRIBUTION:	Not applicable

### SECTION IV – FIRE AND EXPLOSION HAZARD OF PRODUCT

CONDITIONS OF FLAMMABILITY:	
MEANS OF EXTINCTION:	Dry chemical, carbon dioxide
FLASHPOINT AND METHOD OF DETERMINATION:	> 93 degress Celcius C.C.
UPPER EXPLOSION LIMIT (% by Vol):	N/E
LOWER EXPLOSION LIMIT (% by Vol):	N/E
AUTO-IGNITION TEMPERATURE:	
FLAMMABILITYCLASSIFICATION:	Will burn
HAZARDOUS COMBUSTION PRODUCTS:	Oxides of nitrogen and carbon
EXPLOSION DATA:	
SENSITIVITY TO STATIC DISCHARGE:	

### SECTION V – REACTIVITY DATA

CHEMICAL STABILITY:	Stable
INCOMPATIBLE MATERIALS:	Water, before use
CONDITIONS OF REACTIVITY:	
HAZARDOUS DECOMPOSITION PRODUCTS:	None

### SECTION VI – TOXICOLOGICAL PROPERTIES OF PRODUCT

ROUTES OF ENTRY:	SKIN CONTACT	SKIN ABSORBTION	INHALATION	INGESTION
ACUTE OVER EXPOSURE EFFECTS:				
CHRONIC OVER EXPOSURE EFFECTS:				
EXPOSURE LIMITS:				
IRRITANCY OF PRODUCT:				
SENSITIZATION TO MATERIAL:				
CARCINOGENICITY, REPRODUCTIVE EFFECTS:				
TERATOGENICITY, MUTAGENICITY:				
TOXICOLOGICALLY SYNERGISTIC PRODUCTS:				



# **Prairie Mud Service**

*"Serving Western Canada with 24 Hour Drilling Mud Service"*

## **SECTION VII – PREVENTIVE MEASURES**

PERSONAL PROTECTIVE EQUIPMENT: For respiratory protection: Dust mask. Safety glasses recommended  
SPECIFIC ENGINEERING CONTROLS:  
LEAK AND SPILL PROCEDURES:  
WASTE DISPOSAL: Consult local, state or Federal authorities  
HANDLING PROCEDURES AND EQUIPMENT:  
STORAGE REQUIREMENTS:  
SPECIAL SHIPPING INFORMATION: Not T.D.G. controlled

## **SECTION VIII – FIRST AID MEASURES**

SPECIFIC FIRST AID PROCEDURES: Flush eyes with water. Rinse contaminated skin with soap and water. In case of discomfort by vapors or dusts, move to a ventilated area.

## **SECTION X – PREPARATION DATE OF MATERIAL SAFETY DATA SHEET**

PREPARED BY: Safety Committee  
PHONE NUMBER OF PREPARER: 306-634-3411  
DATE PREPARED: November 27, 2013

The above information is supplied as a customer service and is provided in good faith. Although it has been based on data drawn from sources deemed to be reliable, Prairie Mud Service cannot guarantee its accuracy and assumes no responsibility for conditions resulting from its use.