



Prairie Mud Service Ltd.

"Serving Western Canada with 24 Hour Drilling Mud Service"

MSDS (Material Safety Data Sheet)

SECTION I - Product Identification

Company: Prairie Mud Service
738 6th Street
Estevan, SK
S4A 1A4

EMERGENCY PHONE NUMBER: 306-634-3411

PRODUCT IDENTIFIER: 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. No odour.

ODOUR THRESHOLD:

SPECIFIC GRAVITY: 08 @ 25 degrees Celcius

VAPOR PRESSURE: Not applicable

VAPOR DENSITY (Air = 1): Not applicable

EVAPORATION RATE:

BOILING POINT: Not applicable

FREEZING POINT:

pH:

DENSITY (g/ml):

COEFFICIENT OF WATER / OIL

DISTRIBUTION:

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:

FLAMMABILITY CLASSIFICATION: Will burn

HAZARDOUS COMBUSTION PRODUCTS: Oxides of nitrogen and carbon

EXPLOSION DATA:

SENSITIVITY TO STATIC DISCHARGE:



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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 ABSORPTION:
EYE:
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:

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.



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SECTION X Preparation Date of Material Safety Data Sheet

PREPARED BY: Safety Committee
PHONE NUMBER OF PREPARER: 306-634-3411
DATE PREPARED: November 27, 2009

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