



Prairie Mud Service Ltd.

"Serving Western Canada with 24 Hour Drilling Mud Service"

MSDS (Material Safety Data Sheet)

SECTION I: IDENTIFICATION OF PRODUCT

COMPANY: **Prairie Mud Service** DATE: November 27, 2009
738 6th Street PHONE: 306-634-3411
Estevan, SK. S4A 1A4 FAX: 306-634-6694

PRODUCT NAME: **TORQUELESS**

PRODUCT USE: Oil Well Drilling Fluid Additive CAS#: Not available

CHEMICAL FAMILY:

WORK PLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

WHMIS CLASSIFICATION: Not a controlled product under WHMIS.
WORK PLACE HAZARD: Not applicable.

TRANSPORTATION OF DANGEROUS GOODS (TDG)

SHIPPING NAME: Not regulated under TDG
TDG CLASSIFICATION: Not applicable
UN NUMBER (PIN): Not applicable
PACKING GROUP: Not applicable

SECTION II: HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>PERCENT</u>	<u>CAS NUMBER</u>	<u>LD₅₀ Oral-Rat</u>	<u>LC₅₀ Inhal-Rat</u>	<u>ACGIH TLV</u>
Contains no WHMIS controlled ingredients					

SECTION III: HEALTH HAZARDS

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

EYE CONTACT: Irritation not expected.
SKIN CONTACT: No irritation or allergic reaction expected.
INGESTION: Greater than 5000 mg/kg in rats.
INHALATION: Not hazardous unless burning toxic fumes possible.

SECTION IV: FIRST AID MEASURES

SKIN CONTACT: Wash thoroughly with soap and water.
EYE CONTACT: Immediately flush with gently flowing warm water for at least 15 minutes holding eye lids open.
INGESTION: Do not induce vomiting, contact physician. Not toxic.
INHALATION: No hazard during normal use.

SECTION V: PHYSICAL DATA

APPEARANCE AND ODOUR : Dark brown liquid; distinctive
SPECIFIC GRAVITY : 0.887
BOILING POINT (C) : >300°
FREEZING POINT (C) : -25°
pH : 7.0 – 7.2
EVAPORATION RATE : Not established
VAPOUR PRESSURE (mm Hg) : Not established
VAPOUR DENSITY (Air = 1) : Not established

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SECTION VI: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT : 290C (CC)
FLAMMABLE LIMITS : Not available
EXTINGUISHING MEDIA : CO₂, foam, dry chemical or water spray.

SECTION VII: REACTIVITY DATA

STABILITY: Stable [XX] Unstable []
INCOMPATIBILITY (CONDITIONS TO AVOID) : None
HAZARDOUS DECOMPOSITION PRODUCTS : If burnt, oxides of sulfur
HAZARDOUS POLYMERIZATION : Will not occur [XX] May occur []

VIII: PREVENTIVE MEASURES

SPECIAL PROTECTION INFORMATION

PERSONAL PROTECTIVE EQUIPMENT : Not necessary.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

None

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

Although product is environmentally safe, spills should be contained and wiped up.

WASTE DISPOSAL METHOD

Although product is environmentally safe, spills should be contained and wiped up. Dispose according to Federal, Provincial or Municipal Laws.

SECTION IX: PREPARATION

DATE: November 27, 2009
PREPARED BY: Product Safety Committee
PHONE: 306-634-6694

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.