



Prairie Mud Service

"Serving Western Canada with 24 Hour Drilling Mud Service"

Torqueless (Liquid)

Product Identification

MANUFACTURER'S NAME: Control Chemical (1989) Corporation
MANUFACTURER'S ADDRESS: 7016, 30th Street S.E.
Calgary, Alberta, Canada
T2C 1N9
EMERGENCY PHONE NUMBER: (403) 720-7044
SUPPLIER IDENTIFIER:
SUPPLIER'S ADDRESS:
SUPPLIER'S EMERGENCY PHONE NUMBER:
PRODUCT IDENTIFIER: TORQUELESS (Liquid)
PRODUCT USE: Drilling Lubricant (Vegetable oil base)

Hazardous Ingredients of Materials

Chemical Identity	Concentration	CAS#/NA#/UN# LD (50) LC (50)
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This is not a hazardous or controlled product.

Physical Data for Product

PHYSICAL STATE: Liquid
ODOUR AND APPEARANCE: Dark brown, distinctive
ODOUR THRESHOLD:
SPECIFIC GRAVITY: 0.887
VAPOR PRESSURE: Not established
VAPOR DENSITY (Air = 1): Not established
EVAPORATION RATE: Not established
BOILING POINT: >300 degrees C
FREEZING POINT: -18 degrees C
pH: 7.0 – 7.2
DENSITY (g/ml):
COEFFICIENT OF WATER / OIL
DISTRIBUTION: Not available

Fire and Explosion Hazard of Product

CONDITIONS OF FLAMMABILITY:
MEANS OF EXTINCTION: Foam, CO₂, Dry Chemical, water spray
FLASHPOINT AND METHOD OF DETERMINATION: 290 degrees C C.C.
UPPER EXPLOSION LIMIT (% by Vol): Not available
LOWER EXPLOSION LIMIT (% by Vol): Not available
AUTO-IGNITION TEMPERATURE: Not available
FLAMMABILITY CLASSIFICATION:
HAZARDOUS COMBUSTION PRODUCTS: Not available
EXPLOSION DATA: Not available
SENSITIVITY TO STATIC DISCHARGE: None

Reactivity Data

CHEMICAL STABILITY: Stable
INCOMPATIBLE MATERIALS: None
CONDITIONS OF REACTIVITY: None
HAZARDOUS DECOMPOSITION PRODUCTS: If burnt, oxides of sulphur

MATERIAL SAFETY DATA SHEET

TORQUELESS (LIQUID)

Toxicological Properties of Product

ROUTES OF ENTRY:	
SKIN CONTACT:	Wash with soap and water
SKIN ABSORPTION:	None
EYE:	Flush with water for 15 minutes
INHALATION:	No hazard during normal use
INDIGESTION:	Do not induce vomiting, contact physician. Not toxic
ACUTE OVER EXPOSURE EFFECTS:	Inhalation: Not hazardous unless burning toxic fumes possible. Ingestion: Greater than 5000 mg/kg in rats. Eyes: Eye irritation not expected. Skin: No skin irritation or allergic reaction expected
CHRONIC OVER EXPOSURE EFFECTS:	Inhalation: Not hazardous unless burning toxic fumes possible. Ingestion: Greater than 5000 mg/kg in rats. Eyes: Eye irritation not expected. Skin: No skin irritation or allergic reaction expected
EXPOSURE LIMITS:	Not available
IRRITANCY OF PRODUCT:	Not an irritant
SENSITIZATION TO MATERIAL:	None
CARCINOGENICITY, REPRODUCTIVE EFFECTS:	Not available
TERATOGENICITY, MUTAGENICITY:	Not available
TOXICOLOGICALLY SYNERGISTIC PRODUCTS:	Not available

Preventive Measures

PERSONAL PROTECTIVE EQUIPMENT:	Not necessary
SPECIFIC ENGINEERING CONTROLS:	
LEAK AND SPILL PROCEDURES:	Although product is environmentally safe, spills should be contained and wiped up
WASTE DISPOSAL:	Although product is environmentally safe, spills should be contained and wiped up. Dispose according to Federal, Provincial or Municipal Laws
HANDLING PROCEDURES AND EQUIPMENT:	None
STORAGE REQUIREMENTS:	None
SPECIAL SHIPPING INFORMATION:	Not Regulated.

First Aid Measures

SPECIFIC FIRST AID PROCEDURES:	Eyes: Flush with water for 15 minutes Ingestion: Do not induce vomiting, contact physician. Not toxic. Skin: Wash with soap and water.
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Transportation

TDG.....	Not Regulated
U.S. DOT.....	Not Regulated
ICAO/IATA II	Not Regulated
IMDG.....	Not Regulated

MATERIAL SAFETY DATA SHEET

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Preparation Date of Material Safety Data Sheet

PREPARED BY: Safety Committee
PHONE NUMBER OF PREPARER: (403) 720-7044
DATE PREPARED: January 02, 2015

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