



Prairie Mud Service

"Serving Western Canada with 24 Hour Drilling Mud Service"

LIQUIPAC

SECTION I: IDENTIFICATION OF PRODUCT

COMPANY: **Diversity Technologies Corp.** DATE: **August 10, 2015**
8750 – 53rd Ave. PHONE: **780-440-4923**
Edmonton, AB T6E 5G2 FAX: **780-469-1899**

PRODUCT NAME: **Liquipac**

PRODUCT USE: Liquid filtrate reducer for oil-well drilling fluids.
 CHEMICAL FAMILY: Mixture CAS #: Mixture

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

WHMIS CLASSIFICATION: **Not controlled.**
 WORKPLACE HAZARD: **May cause skin and eye irritation.**

TRANSPORTATION OF DANGEROUS GOODS (TDG)

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

SECTION II: HAZARDOUS INGREDIENTS

INGREDIENT	% (w/w)	CAS NUMBER	LD ₅₀ Oral-Rat	LC ₅₀ Inhal-Rat	ACGIH-TLV
Secondary alcohol ethoxylate	<1.0	Not available	Not available	Not available	Not available

SECTION III: HEALTH HAZARDS

ROUTE OF ENTRY: EYE CONTACT SKIN CONTACT INHALATION INGESTION

EYE CONTACT: **May cause redness, irritation and inflammation.**

SKIN CONTACT: **Prolonged or repeated contact may cause irritation.**

INGESTION: May cause nausea, diarrhea and vomiting.

INHALATION: Not an expected source of exposure. Mists may cause upper respiratory tract irritation.

CARCINOGENICITY: No information available.

TERATOGENICITY: No information available.

REPRODUCTIVE TOXICITY: No information available.

MUTAGENICITY: No information available.

SYNERGISTIC PRODUCTS: No information available.



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SECTION IV: FIRST AID MEASURES

SKIN CONTACT:	Remove contaminated clothing and wash affected area with plenty of soap and water. If irritation develops obtain medical attention.
EYE CONTACT:	Flush with gently flowing warm water for 15 minutes or until irritation ceases. Obtain medical attention when flushing period is complete.
INGESTION:	Do not induce vomiting. If vomiting occurs, keep head below hips to prevent inhalation of vomitus. Obtain immediate medical attention.
INHALATION:	Move to fresh air. Apply oxygen or artificial respiration if required. If breathing difficulties or distress continues, obtain medical attention.

SECTION V: PHYSICAL DATA

APPEARANCE AND ODOUR:	Beige liquid suspension; little odour
SPECIFIC GRAVITY:	1.06
BOILING POINT (°C):	Not determined
MELTING POINT (°C):	Not determined
SOLUBILITY IN WATER:	Forms gel pH: 3.5 – 6.5
PERCENT VOLATILE BY VOLUME:	Not determined
EVAPORATION RATE:	Not determined
VAPOUR PRESSURE (mmHg):	Not determined
VAPOUR DENSITY (air = 1):	Not determined
BULK DENSITY:	Not applicable

SECTION VI: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	>125°C
FLAMMABLE LIMITS:	Not determined
EXTINGUISHING MEDIA:	Foam, dry chemical, carbon dioxide or water spray.
SPECIAL FIRE FIGHTING PROCEDURES:	Self-contained breathing apparatus required for fire-fighting personnel. Remove containers from fire area, or cool with water spray, if possible.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	None known.
HAZARDOUS COMBUSTION PRODUCTS:	No information available.

SECTION VII: REACTIVITY DATA

STABILITY:	<input type="checkbox"/> STABLE D UNSTABLE
INCOMPATIBILITY (CONDITIONS TO AVOID):	Avoid contact with strong oxidizers and strong reducers.
CONDITIONS OF REACTIVITY:	Not available.
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of carbon and smoke on combustion.
HAZARDOUS POLYMERIZATION:	<input type="checkbox"/> WILL NOT OCCUR D MAY OCCUR



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SECTION VIII: PREVENTIVE MEASURES

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:	Suggest NIOSH approved respirators with dust/mist cartridges if airborne concentration of mists exceeds the TLV.
VENTILATION:	Use local exhaust ventilation, process enclosure or other engineering controls to keep airborne concentration below exposure limits.
PROTECTIVE GLOVES:	Rubber gloves recommended.
EYE PROTECTION:	Suggest chemical goggles.
OTHER PROTECTIVE EQUIPMENT (SPECIFY):	Full body covering clothing recommended to prevent contact. Ensure eye-wash station and emergency shower are available.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid ingestion. Practice reasonable caution and personal cleanliness. Avoid skin and eye contact. Launder contaminated clothing before reuse. Store in a cool, dry, well-ventilated area away from incompatibles. Keep container tightly closed when not in use. Store unused material in original container.

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

Use appropriate safety equipment and personnel protective equipment. Soak up spills with absorbent material. Collect uncontaminated material for repackaging. Collect contaminated material in an approved container for disposal. Wash spill area thoroughly with soap and water. Collect used absorbent and wash water in approved containers for disposal. Do not flush to sewer.

WASTE DISPOSAL METHOD

Dispose of in accordance with federal, provincial and local regulations. It is the responsibility of the end-user to determine if material meets the criteria of hazardous waste at the time of disposal. Dispose of, or recycle, empty containers in accordance with local regulations.

SECTION IX: PREPARATION

The information contains herein is given in good faith, but no warranty, expressed or implied, is made.

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