



MATERIAL SAFETY DATA SHEET

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1-613-996-6666 – CANUTEC – Transportation Emergency
1-888-243-9771 – ChExSS – Chemical Exposure

MUD LITE

SECTION I: IDENTIFICATION OF PRODUCT

Product Name: MUD LITE
Chemical Family: Proprietary blend of primary and secondary surfactants.
WHMIS Classification: D2B
Workplace Hazard: Skin and Eye Irritant, toxic material

Product Use: Rheology modifier
TDG Classification: Not applicable
Packaging Group: Not applicable
PIN: Not applicable

SECTION II: HAZARDOUS INGREDIENTS

Ingredients	Percent	CAS Number	LD ₅₀ (Species/Route)	LC ₅₀ (Species/Route)
Proprietary	30-60	-	-	-
Sodium Chloride	1-5	7647-14-5		

SECTION III: TOXICOLOGICAL PROPERTIES

Route of entry: Skin Eye Contact Inhalation Ingestion

Effects of acute exposure: Skin and eye irritant.

Effects of chronic exposure: Not available

Exposure limits: Not available

Irritancy of product: May cause mild burning, tearing, and redness of the eyes. May cause skin irritation, blistering and/or dermatitis upon direct contact. May cause symptoms of headache, and can cause irritation to the respiratory system. Nausea, vomiting, severe stomach pain, or diarrhea are possible if ingested.

Sensitization to product: Not available

Carcinogenicity: Not available

Reproductive toxicity: Not available

Teratogenicity: Not available

Mutagenicity: Not available

Name of toxicological synergistic products: Not available



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SECTION IV: FIRST AID MEASURES

Skin contact: Wash affected areas with soap and water. Remove contaminated clothing, including shoes, and clean thoroughly before reuse

Eye contact: Flush eyes with low pressure water for at least 15 minutes and obtain medical attention immediately. Prompt action is essential. Seek medical attention.

Inhalation: Remove to fresh air. Give oxygen or artificial respiration as needed. Obtain medical attention promptly.

Ingestion: Obtain medical aid immediately.

SECTION V: PHYSICAL DATA

Physical state: Liquid.

Appearance and odour: Clear liquid with pleasant odor.

Odour threshold: Not determined

Specific gravity: 1.04 @ 25 °C

Vapor pressure (mmHG): Not applicable

Vapor density (Air=1): <1

Evaporation rate: Not applicable

Boiling point (°C): 100.

Freeze/Melting point (°C): Not known

pH: Not available

Co-efficient of water/oil distribution: Not applicable



SECTION VI: FIRE AND EXPLOSION DATA

Conditions of flammability: Not known

Means of extinguishing: Dry chemical, carbon dioxide, water spray, foam or water.

Flash point: >92 °C

Upper flammable limit: Not determined

Lower flammable limit: Not determined

Auto-ignition temperature: Not available

Hazardous combustion products: Nitrogen Oxides, and vapours of ammonia.

Explosion data-sensitivity to mechanical impact: Not available

Explosion data-sensitivity to static discharge: Not available

SECTION VII: REACTIVITY DATA

Chemically unstable (conditions): Stable.

Product incompatible with: Strong oxidizing agents and strong alkali agents.

Conditions of reactivity: None known

Hazardous decomposition products: Nitrogen Oxides, and vapours of ammonia.



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SECTION VIII: PREVENTATIVE MEASURES

Personal protective equipment: If exposure may exceed the PEL/TLV, use of a NIOSH/MSHA approved supplied air respirator operated in a positive pressure mode as specified in OSHA guidelines for chemical hazards is required. Gloves (impervious) must be worn. Impervious protecting suit with boots and full head protection should be worn and must be worn under misting conditions. Both chemical splash goggles and face shield must be worn.

Specific engineering controls: Local exhaust ventilation may be required to meet exposure standard in addition to room ventilation under confined (inside) conditions.

Procedures for leak/spills: Combustible liquid. Release can cause fire/explosion/human health hazard. Evacuate/limit access. Notify fire and environmental authorities. Equip responders with proper protection. Stop release, prevent flow to sewers and public waters. Eliminate all ignition sources. Blanket with firefighting foam. Restrict water use for clean-up. Impound/recover large land spill with inert solids, disposal containers. Report per regulatory requirements.

Waste disposal: Contaminated product/soil/water should be contained. Landfill solids at permitted sites. Use registered transporters. Incinerate concentrated liquids in systems compatible with liquid wastes where permitted under Federal, State and local regulations. Consult waste disposal authorities.

Handling procedures and equipment: No special procedures are required.

Storage requirements: Store in tightly closed, properly vented containers away from heat, sparks, open flame and strong oxidizing agents. Use only non-sparking tools. Store drums with bung in up position. Spilled material is extremely slippery, take proper precautions.

Special shipping information: None required

SECTION IX: PREPARATION

Date updated: November, 2008

Prepared by: Product Safety Committee

All the recommendations and suggestions herein concerning this product are based upon tests and data believed to be reliable, however it is the user's responsibility to determine the safety, toxicity and sustainability for their own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by Q'Max Solutions Inc. as to the effects of such use, the results to be obtained, or the safety and toxicity of the product nor does Q'Max Solutions Inc. assume any liability arising out of use by others. Nor is the information herein to be considered as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.