



# MATERIAL SAFETY DATA SHEET

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## KIM MUD

### SECTION I: IDENTIFICATION OF PRODUCT

**Product Name:** KIM MUD

**Chemical Family:** Polysaccharide polymers with calcium carbonate and calcium lignosulphate

**WHMIS Classification:** Not controlled

**Workplace Hazard:** Not applicable

**Product Use:** Viscosifier

**TDG Classification:** Not regulated

**Packaging Group:** Not applicable

**PIN:** Not applicable

### SECTION II: HAZARDOUS INGREDIENTS

Ingredients	Percent	CAS Number	LD <sub>50</sub> (Species/Route)	LC <sub>50</sub> (Species/Route)
		None		

### SECTION III: TOXICOLOGICAL PROPERTIES

**Route of entry:**  Skin  Eye Contact  Inhalation  Ingestion

**Effects of acute exposure:** Possible slight irritation to the eyes. If inhaled it may cause sneezing and some slight irritation.

**Effects of chronic exposure:** No effects expected

**Exposure limits:** Not applicable

**Irritancy of product:** Irritant to skin, eyes and respiratory tract.

**Sensitization to product:** Not applicable

**Carcinogenicity:** Not applicable

**Reproductive toxicity:** Not applicable

**Teratogenicity:** Not applicable

**Mutagenicity:** Not applicable

**Name of toxicological synergistic products:** Not determined



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## SECTION IV: FIRST AID MEASURES

**Skin contact:** Wash skin for 5 minutes with soap and water. If irritation develops or persists seek medical attention.

**Eye contact:** Flush eyes with running water for 15 minutes. If adverse symptoms develop, seek medical attention.

**Inhalation:** Remove patient to fresh air. If not breathing, administer artificial respiration. Administer oxygen if necessary. Seek medical attention.

**Ingestion:** Do not induce vomiting. If conscious administer 2 glasses of drinking water to dilute. Seek immediate medical attention.

## SECTION V: PHYSICAL DATA

**Physical state:** Solid.

**Appearance and odour:** Tan powder. Odorless

**Odour threshold:** Not applicable

**Specific gravity (°C):** 1.85

**Vapor pressure (mmHG):** Not applicable

**Vapor density (Air=1):** Not applicable

**Evaporation rate:** Not applicable

**Boiling point (°C):** Not determined

**Freeze/Melting point (°C):** Not determined

**pH (%):** 7.5

**Co-efficient of water/oil distribution:** Not determined



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## SECTION VI: FIRE AND EXPLOSION DATA

**Conditions of flammability:** Non-flammable. A solid stream of water or foam directed into hot burning liquid can cause frothing

**Means of extinguishing:** Dry chemical, carbon dioxide, foam, water fog

**Flash point:** Not determined

**Upper flammable limit:** Not determined

**Lower flammable limit:** Not determined

**Auto-ignition temperature:** Not determined

**Hazardous combustion products:** CO<sub>x</sub>

**Explosion data-sensitivity to mechanical impact:** Not applicable

**Explosion data-sensitivity to static discharge:** Not applicable

## SECTION VII: REACTIVITY DATA

**Chemically unstable (conditions):** Stable

**Product incompatible with:** Strong acids, oxidizing agents.

**Conditions of reactivity:** Not known

**Hazardous decomposition products:** CO<sub>x</sub>



## SECTION VIII: PREVENTATIVE MEASURES

**Personal protective equipment:** Chemical-resistant clothing is recommended, including gloves, apron, and goggles. Recommend NIOSH-approved dust respirator.

**Specific engineering controls:** Provide mechanical ventilation to prevent dust concentrations, and to reduce potential exposure.

**Procedures for leak/spills:** Use appropriate safety equipment. Small spills sweep up and put into approved DOT containers for disposal or re-use. Large spills, do not allow to enter waterways, sweep or shovel into approved DOT containers for re-use or disposal.

**Waste disposal:** All waste should be disposed of according to federal, provincial and local regulations. Containers should NOT be re-used. Containers should be disposed of in accordance with government regulations.

**Handling procedures and equipment:** Avoid ingestion. Practice reasonable caution and personal cleanliness. Avoid skin and eye contact.

**Storage requirements:** Store in a cool, dry, well ventilated place. Keep container tightly closed and away from incompatible materials.

**Special shipping information:** Not applicable

## SECTION IX: PREPARATION

**Date updated:** January 1, 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.