



MATERIAL SAFETY DATA SHEET

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ALCOMER 120L

SECTION I: IDENTIFICATION OF PRODUCT

Product Name: ALCOMER 120L
Chemical Family: Anionic polyacrylamide dispersed in light mineral oil
WHMIS Classification: Class D-2(B)
Workplace Hazard: Skin and eye irritant

Product Use: Liquid Sump Flocculant
TDG Classification: Not Regulated
Packaging Group: Not applicable
PIN: Not applicable

SECTION II: HAZARDOUS INGREDIENTS

Ingredients	Percent	CAS Number	LD ₅₀ (Rat/Oral)	LC ₅₀ (Species/Route)
Distillates (petroleum) hydrotreated heavy naphthenic	30-60	64742-52-5	Not available	Not established
Naphtha, petroleum, hydrotreated heavy	1-5	64742-48-9	Not available	Not established
Alcohols C12-15, ethoxylated propoxylated	1-5	68551-13-3	Not available	Not established

SECTION III: TOXICOLOGICAL PROPERTIES

Route of entry: Skin Eye Contact Inhalation Ingestion

Effects of acute exposure: This product becomes a very viscous gel in contact with water, which is likely to happen if this product is ingested. May cause nausea and vomiting. Mists or sprays may cause respiratory irritation. Acute exposure to vapour may cause dizziness, drowsiness, headache, nausea and irritation of the respiratory tract. May cause moderate irritation and/or redness if it gets in contact with the eyes.

Effects of chronic exposure: Prolonged or repeated contact with this product tends to remove skin oils possibly leading to irritation and dermatitis. Prolonged or repeated exposure to vapour may cause CNS damage, as well as heart and blood disorders. Aspiration may cause chemical pneumonitis

Exposure limits: Not established

Irritancy of product: May cause moderate irritation and/or redness to the eyes. Mists or sprays may cause respiratory irritation. Acute exposure to vapour may cause dizziness, drowsiness, headache, nausea and irritation of the respiratory tract

Sensitization to product: Not available

Carcinogenicity: None of the components in this product at concentrations >0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

Reproductive toxicity: No data for product. No effects anticipated.

Teratogenicity: No data for product. No effects anticipated.

Mutagenicity: No data for product. No expected to be mutagenic

Name of toxicological synergistic products: No information available.



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SECTION IV: FIRST AID MEASURES

Skin contact: Remove contaminated clothing. Wash exposed area thoroughly with soap and water. If irritation persists or develops, obtain medical attention.

Eye contact: Immediately flush eyes with gently flowing warm water for 15 minutes, or until irritation ceases. Obtain medical attention when flushing is complete.

Inhalation: Move to fresh air. Apply oxygen or artificial respiration if required. If breathing difficulties or distress continues obtain medical attention.

Ingestion: Do not induce vomiting. If vomiting occurs keep head below hips to prevent aspiration of vomits. Obtain immediate medical attention

SECTION V: PHYSICAL DATA

Physical state: Liquid

Appearance and odour: White to off-white liquid; slight oily odour

Odour threshold: Not determined

Specific gravity: 1.1

Vapor pressure (mmHG): Not determined

Vapor density (Air=1): Not determined

Evaporation rate: Not available

Boiling point (°C): >100

Freeze/Melting point (°C): Not available

pH: 7.5 (1% Solution)

Co-efficient of water/oil distribution: Not applicable



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SECTION VI: FIRE AND EXPLOSION DATA

Conditions of flammability: Product is not considered flammable, but may burn in a fire situation.

Means of extinguishing: Foam, dry chemical or carbon dioxide in preference to water spray. Water will cause extreme slipperiness.

Flash point: >93°C (PMCC)

Upper flammable limit: Not determined

Lower flammable limit: Not determined

Auto-ignition temperature: Not determined

Hazardous combustion products: Not applicable

Explosion data-sensitivity to mechanical impact: Not applicable

Explosion data-sensitivity to static discharge: Not determined

SECTION VII: REACTIVITY DATA

Chemically unstable (conditions): Stable

Product incompatible with: Avoid contact with strong oxidants; may degrade polymer. Avoid extremes of temperature, especially frost and freezing conditions.

Conditions of reactivity: Not available

Hazardous decomposition products: Oxides of carbon and nitrogen, hydrocarbons, ammonia and/or hydrogen chloride vapour on combustion.



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SECTION VIII: PREVENTATIVE MEASURES

Personal protective equipment: In absence of proper ventilation use approved respirator with organic vapour/mist cartridges as required. Wear impervious gloves. Use chemical goggles and/or face shield. Suggest rubber apron.

Specific engineering controls: Use local exhaust ventilation, process enclosure or other engineering controls to maintain level of airborne vapour or mist below TLV. Ensure eye wash station and safety shower are available.

Procedures for leak/spills: Use appropriate safety equipment. Eliminate sources of ignition. Stop leak if possible to do so without risk. Small spills: Soak up with absorbent; collect absorbent in approved container for disposal; wash spill area with water. Large spills: Dike to prevent material from entering sewers or public waterways; collect uncontaminated material for repackaging; collect contaminated material for disposal; treat remaining material as a small spill. Report spill to appropriate agencies as required.

Waste disposal: Dispose 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. Empty containers, that have not been cleaned and purged, must be disposed or, or recycled, in accordance with local regulations.

Handling procedures and equipment: Warning! Eye and skin irritant. In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Avoid contact with eyes and prolonged or repeated skin contact. Avoid breathing vapours, mists or sprays. Use only with adequate ventilation. Remove contaminated clothing; launder or dry-clean before reuse. Wash thoroughly with soap and water after using. For industrial use only. Slip hazard when wet.

Storage requirements: For industrial use only. Slip hazard when wet. Store in the original container, securely closed, in a cool and dry location. Avoid temperature extremes, especially frost and freezing conditions. Empty containers contain residual hazardous material and should be handled and stored as if full.

Special shipping information: Not applicable

SECTION IX: PREPARATION

Date updated: February 20, 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.