



MATERIAL SAFETY DATA SHEET

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ALCOMER 72L

SECTION I: IDENTIFICATION OF PRODUCT

Product Name: ALCOMER 72L
Chemical Family: Acrylic polymer in an aqueous solution
WHMIS Classification: Not controlled
Workplace Hazard: Slight irritant

Product Use: Polymer Deflocculant
TDG Classification: Not regulated
Packaging Group: Not applicable
PIN: Not applicable

SECTION II: HAZARDOUS INGREDIENTS

| Ingredients | Percent | CAS Number | LD ₅₀ (Species/Route) | LC ₅₀ (Species/Route) |
|---|---------|------------|----------------------------------|----------------------------------|
| Contains no hazardous ingredients per WHMIS regulations | | | | |

SECTION III: TOXICOLOGICAL PROPERTIES

Route of entry: Skin Eye Contact Inhalation Ingestion

Effects of acute exposure: May cause slight irritation and/or redness to the eyes. Mist or sprays may cause slight irritation of the upper respiratory tract.

Effects of chronic exposure: Prolonged or repeated contact may cause slight irritation to the skin.

Exposure limits: Not applicable

Irritancy of product: May cause slight irritation and/or redness to the eyes. Mist or sprays may cause slight irritation of the upper respiratory tract. Prolonged or repeated contact may cause slight irritation to the skin.

Sensitization to product: Not determined

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

Reproductive toxicity: Not determined

Teratogenicity: Not determined

Mutagenicity: Not determined

Name of toxicological synergistic products: None known



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SECTION IV: FIRST AID MEASURES

Skin contact: Wash effected area with soap and water. Remove contaminated clothing. If irritation persists, contact a physician.

Eye contact: Flush eyes with gently flowing warm water for 5 - 10 minutes or until the chemical is removed. If irritation persists, obtain medical attention.

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

Ingestion: Do not induce vomiting. If vomiting occurs naturally, have patient lean forward to reduce the risk of aspiration. Obtain immediate medical attention.

SECTION V: PHYSICAL DATA

Physical state: Liquid

Appearance and odour: Light yellow liquid; slight mild odour.

Odour threshold: Not applicable

Specific gravity: 1.27

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: ~7.25

Co-efficient of water/oil distribution: Not applicable



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SECTION VI: FIRE AND EXPLOSION DATA

Conditions of flammability: Very low

Means of extinguishing: Use media appropriate for type of fire and combustibles in area.

Flash point: None (aqueous solution)

Upper flammable limit: Not applicable

Lower flammable limit: Not applicable

Auto-ignition temperature: Not applicable

Hazardous combustion products: Not applicable

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: with water reactive materials. Avoid extremes of temperature.

Conditions of reactivity: Not available

Hazardous decomposition products: No decomposition expected under normal storage conditions.



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SECTION VIII: PREVENTATIVE MEASURES

Personal protective equipment: No respiratory protection required under normal conditions of use. Use approved respirator with dust/mist cartridges if mist or spray are generated. Rubber gloves recommended. Chemical goggles and/or full-face shield recommended. Chemical aprons suggested. Ensure eye-wash station and emergency shower are available.

Specific engineering controls: Work in well ventilated areas. Use local exhaust ventilation, process enclosure or other engineering controls if mists, sprays or vapours are generated during use.

Procedures for leak/spills: Use appropriate safety equipment. Avoid all bodily contact with spilled material. Stop leak if possible to do so without risk. Small spills; soak up with absorbent. Large spills; dike to contain material. Collect uncontaminated diked material for repackaging. Soak up remaining material with absorbent. Collect contaminated material and absorbent in approved containers for disposal. Wash spill area with water. Do not allow material to enter storm sewers or storm water inlets.

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.

Handling procedures and equipment: Practice reasonable caution and personal cleanliness. Avoid skin and eye contact. Wash thoroughly after handling. Avoid ingestion. Avoid breathing vapours, mists or sprays. Use only in well ventilated area. Launder exposed clothing before reuse.

Storage requirements: Keep containers tightly closed in a cool, well ventilated area. Avoid extremes of temperature. Product may freeze; however, it should recover upon warming. If product freezes, warm slowly. Thawed product should be thoroughly mixed with low shear agitation prior to use. Do not freeze.

Special shipping information: Not applicable

SECTION IX: PREPARATION

Date updated: December 8, 2009

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.