



MATERIAL SAFETY DATA SHEET

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

ALCOMER 74

SECTION I: IDENTIFICATION OF PRODUCT

Product Name: ALCOMER 74
Chemical Family: Anionic acrylamide copolymer
WHMIS Classification: Not controlled
Workplace Hazard: Nuisance dust

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 WHMIS controlled ingredients				

SECTION III: TOXICOLOGICAL PROPERTIES

Route of entry: Skin Eye Contact Inhalation Ingestion

Effects of acute exposure: May cause slight irritation and redness to the eyes. May cause sneezing; slight irritation of respiratory system.

Effects of chronic exposure: Repeated or prolonged exposure may cause slight skin irritation.

Exposure limits: ACGIH TWA 10 mg/m³ 8 hour

Irritancy of product: Eye contact may produce slight irritation and/or redness. Inhaled dust may cause some respiratory irritation.

Sensitization to product: No information available

Carcinogenicity: No information available

Reproductive toxicity: No information available

Teratogenicity: No information available

Mutagenicity: No information available

Name of toxicological synergistic products: Not applicable



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SECTION IV: FIRST AID MEASURES

Skin contact: Wash exposed area with soap and water. If irritation persists, call physician.

Eye contact: Immediately flush eyes gently flowing warm water until particles are removed. If irritation persists obtain medical attention.

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

Ingestion: Do not induce vomiting. Remove product from mouth. Call a physician.

SECTION V: PHYSICAL DATA

Physical state: Solid

Appearance and odour: White free flowing solid (micro-beads); no odour

Odour threshold: Not available

Specific gravity: ~0.75

Vapor pressure (mmHG): Not available

Vapor density (Air=1): Not available

Evaporation rate: Not available

Boiling point (°C): Not available

Freeze/Melting point (°C): Not available

pH: Not determined

Co-efficient of water/oil distribution: Not applicable



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SECTION VI: FIRE AND EXPLOSION DATA

Conditions of flammability: Combustible powder. Dust generated in handling this product can be explosive if sufficient quantities are mixed with air, in which case ignition sources should be avoided.

Means of extinguishing: Dry chemical, foam or CO₂

Flash point: Not applicable

Upper flammable limit: Not applicable

Lower flammable limit: Not applicable

Auto-ignition temperature: Not applicable

Hazardous combustion products: Not available

Explosion data-sensitivity to mechanical impact: Dust generated in handling this product can be explosive if sufficient quantities are mixed with air, in which case ignition sources should be avoided

Explosion data-sensitivity to static discharge: Not available

SECTION VII: REACTIVITY DATA

Chemically unstable (conditions): Stable

Product incompatible with: Avoid contact with strong oxidants, strong acids and strong bases. Avoid static discharges and sources of ignition. Avoid wet and humid conditions.

Conditions of reactivity: Not determined

Hazardous decomposition products: Oxides of carbon and other noxious fumes on combustion.



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SECTION VIII: PREVENTATIVE MEASURES

Personal protective equipment: Suggest NIOSH approved dust mask or respirator if TLV's are exceeded. Use protective gloves as needed to prevent prolonged or repeated contact. Use splash goggles or face shield when eye contact may occur. Use protective Clothing as required preventing contact. Ensure eyewash station and emergency shower are available.

Specific engineering controls: Provide adequate ventilation to minimize dust inhalation. ACGIH TWA (8 hr exposure) = 10 mg/m³ total inhalable dust.

Procedures for leak/spills: Spill of dry product presents a slip hazard when wet and should be cleaned up immediately. Do not wet spills of dry product. Sweep up dry and flush spill area with water. Soak up spills of solutions with absorbent. Collect uncontaminated dry product for repackaging. Collect contaminated material, absorbents, and flush water in appropriate containers for disposal. The product, or its solutions, should not be allowed to enter waterways without treatment.

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: Avoid prolonged or frequent contact when handling material. Do not inhale dust. The product is readily removed from skin by using soap and water; wash thoroughly after handling

Storage requirements: Store in cool and dry location away from incompatible materials and ignition sources. Keep container closed when not in use. Avoid creating dust clouds when using.

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.