



# MATERIAL SAFETY DATA SHEET

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## ALCOMER 110 RD

### SECTION I: IDENTIFICATION OF PRODUCT

**Product Name:** ALCOMER 110 RD  
**Chemical Family:** Anionic acrylamide copolymer  
**WHMIS Classification:** Not a controlled product  
**Workplace Hazard:** Treat as nuisance dust

**Product Use:** PHPA Encapsulator/Flocculant  
**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) |
|--|---------|------------|----------------------------------|----------------------------------|
| Contains no WHMIS controlled ingredients |         |            |                                  |                                  |

### SECTION III: TOXICOLOGICAL PROPERTIES

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

**Effects of acute exposure:** Contact with the eyes May cause slight irritation and/or redness.

**Effects of chronic exposure:** Prolonged or repeated contact with the skin may cause slight irritation. It may cause slight irritation of the upper respiratory tract.

**Exposure limits:** Not available

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

**Sensitization to product:** Not determined

**Carcinogenicity:** Not a known carcinogenic

**Reproductive toxicity:** None known

**Teratogenicity:** Not a known teratogen

**Mutagenicity:** Not a know mutagen

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



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## SECTION IV: FIRST AID MEASURES

**Skin Contact:** Remove contaminated clothing and wash affected area thoroughly with soap and water. If irritation persists, or develops, obtain medical attention.

**Eye contact:** Flush with gently flowing, warm water for 10 minutes or until irritation ceases. Obtain medical attention when flushing is complete.

**Inhalation:** Move to area free from dust. Apply oxygen or artificial respiration as required. If breathing difficulties or distress continues, obtain medical attention.

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

## SECTION V: PHYSICAL DATA

**Physical state:** Powder

**Appearance and odour:** White granular powder, no significant odour

**Odour threshold:** Not applicable

**Specific gravity:** Not available

**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 available

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



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## SECTION VI: FIRE AND EXPLOSION DATA

**Conditions of flammability:** Very low risk.

**Means of extinguishing:** Dry chemical, foam or CO<sub>2</sub> in preference to water spray.

**Flash point:** Not applicable

**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:** As with most organic powders, flammable dust clouds may be formed in air in the presence of an ignition source.

## SECTION VII: REACTIVITY DATA

**Chemically unstable (conditions):** Stable

**Product incompatible with:** Avoid contact with strong oxidants, such as liquid chlorine, enriched gaseous or liquid oxygen and sodium or calcium hypochlorite.

**Conditions of reactivity:** None

**Hazardous decomposition products:** Oxides of carbon and nitrogen, various hydrocarbons and/or ammonia on combustion.



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## SECTION VIII: PREVENTATIVE MEASURES

**Personal protective equipment:** Approved dust masks required for dust levels below TLV. Use approved respirators with dust cartridges if airborne concentration exceeds TLV. Gauntlets recommended as protective gloves. Use chemical goggles meeting CSA standards to protect against dust particles. Wear protective clothing to prevent contact.

**Specific engineering controls:** Use local exhaust ventilation, process enclosure or other engineering controls to maintain concentration of airborne dust below TLV. Ensure eyewash station and emergency shower are available.

**Procedures for leak/spills:** Use appropriate safety equipment. Product becomes slippery and difficult to handle when wet; spills are best handled while still dry. Vacuum if possible to avoid generating airborne dust. Collect uncontaminated material for repackaging. Collect contaminated material in an approved container for disposal. Flush spill area thoroughly with water.

**Waste disposal:** Dispose/landfill in accordance with federal, provincial and local regulations. It may be possible to dispose of uncontaminated product in a landfill; check with local operator. 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:** Warning! Dust generated in handling of this product can be explosive if sufficient quantities are mixed in air, in which case ignition sources should be avoided. Avoid contact with eyes and prolonged or repeated skin contact. Avoid inhalation of dust; wear respiratory protection. Practice reasonable caution and personal cleanliness. Remove contaminated clothing; launder or dry-clean before reuse. Wash thoroughly with soap and water after using.

**Storage requirements:** Warning! Dust generated in handling of this product can be explosive if sufficient quantities are mixed in air, in which case ignition sources should be avoided. Avoid contact with eyes and prolonged or repeated skin contact. Avoid inhalation of dust; wear respiratory protection. Practice reasonable caution and personal cleanliness. Remove contaminated clothing; launder or dry-clean before reuse. Wash thoroughly with soap and water after using.

**Special shipping information:** None

## SECTION IX: PREPARATION

**Date updated:** October 8, 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.