



# MATERIAL SAFETY DATA SHEET

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## ALKAPAM N-1003

### SECTION I: IDENTIFICATION OF PRODUCT

**Product Name:** ALKAPAM N-1003  
**CAS#:** 9003-05-8  
**Chemical Family:** Non-ionic water soluble polymer  
**WHMIS Classification:** Not controlled  
**Workplace Hazard:** Not applicable

**Product Use:** Dewatering Polymer  
**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:** Dust may cause mechanical irritation to the eyes. Low acute oral toxicity; may cause nausea and vomiting. Dusts may cause upper respiratory tract irritation.

**Effects of chronic exposure:** May cause slight irritation on prolonged contact with skin.

**Exposure limits:** Not determined

**Irritancy of product:** Dust may cause mechanical irritation to the eyes. Dusts may cause upper respiratory tract 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:** No information available



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## SECTION IV: FIRST AID MEASURES

**Skin contact:** Wash contacted area with soap and water. Launder contaminated clothing before reuse. If irritations persist contact a physician.

**Eye contact:** Flush eyes with gently flowing warm water for 15 minutes or until particles are removed. If irritations persist, obtain medical attention.

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

**Ingestion:** Do not induce vomiting. Dilute by giving one to two glasses of water. Obtain immediate medical attention. Never give anything by mouth to an unconscious or convulsing person.

## SECTION V: PHYSICAL DATA

**Physical state:** Solid

**Appearance and odour:** White granular solid, no odour

**Odour threshold:** Not applicable

**Specific gravity:** 0.8@ 25°C

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

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

**Evaporation rate:** Not applicable

**Boiling point (°C):** Not available

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

**pH:** Not available

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



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## SECTION VI: FIRE AND EXPLOSION DATA

**Conditions of flammability:** Will burn under fire conditions. Like all organic powders, this product when mixed with air in critical proportions and in the presence of an ignition source may present an explosion hazard.

**Means of extinguishing:** Dry chemical, foam, carbon dioxide or water spray.

**Flash point:** >93°C

**Upper flammable limit:** Not determined

**Lower flammable limit:** Not determined

**Auto-ignition temperature:** Not determined

**Hazardous combustion products:** Oxides of carbon and nitrogen and products of incomplete combustion.

**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:** Avoid strong oxidizing and reducing agents, dusting cognitions, heat, open flame, spark, and static electricity.

**Conditions of reactivity:** Not known

**Hazardous decomposition products:** Oxides of Carbon, Oxides of Nitrogen



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### SECTION VIII: PREVENTATIVE MEASURES

**Personal protective equipment:** Suggest NIOSH/MESA approved dust mask, plastic or rubber gloves, goggles and , rubber apron. Ensure eye-wash station and emergency shower are available.

**Specific engineering controls:** Use local exhaust ventilation, process enclosure or other engineering controls to maintain dust level below TLV.

**Procedures for leak/spills:** Use appropriate safety equipment. Sweep up and scoop, or vacuum to collect spills. Collect uncontaminated material for repackaging. Collect contaminated material in an approved container for disposal. Wash spill area with water. Collect washing for disposal. Do not allow spilled material to enter storm sewers, drains or public waterways.

**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 breathing dusts. Avoid direct or prolonged contact with skin and eyes. Use no sparking tools and ground/bonded equipment and containers when transferring. Avoid creating dusts, as this product is pyrophoric in powder form. Any containers or equipment used should be decontaminated immediately after use. Wash thoroughly after use.

**Storage requirements:** Store in a cool, dry area away from incompatibles and ignition sources.

**Special shipping information:** Not applicable

### SECTION IX: PREPARATION

**Date updated:** June 28, 2010

**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.