



# MATERIAL SAFETY DATA SHEET

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## ALKAPAM C1803/SYNERFLOC C-1803

### SECTION I: IDENTIFICATION OF PRODUCT

**Product Name:** ALKAPAM C1803  
**CAS #** 69418-26-4  
**Chemical Family:** Cationic polyacrylamide  
**WHMIS Classification:** Not controlled  
**Workplace Hazard:** Treat as a nuisance dust.

**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)
Contains no WHMIS controlled ingredients				

### SECTION III: TOXICOLOGICAL PROPERTIES

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

**Effects of acute exposure:** Slightly irritating; it may cause redness and/or irritation to the eyes. It may cause slight skin irritation in some individuals.

**Effects of chronic exposure:** Prolonged or repeated contact with skin may cause redness and/or irritation. If inhaled, it may cause sneezing, slight irritation of nose and throat.

**Exposure limits:** Not applicable

**Irritancy of product:** Slightly irritating; it may cause redness and/or irritation to the eyes. It may cause slight skin irritation in some individuals.

**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



# ALKAPAM C1803 / SYNERFLOC C-1083

## SECTION IV: FIRST AID MEASURES

**Skin contact:** Wash exposed area with soap and water. If irritation persists or develops, contact a physician. Launder contaminated clothing before reuse.

**Eye contact:** Immediately flush eyes with gently flowing warm water for 15 minutes, or until particle(s) are removed. If irritation persists contact a physician.

**Inhalation:** Move to fresh air. Give oxygen or apply artificial respiration if required. If symptoms persist, obtain medical attention.

**Ingestion:** Do not induce vomiting. Give one to two glasses of water to dilute material. 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; odorless

**Odour threshold:** None

**Specific gravity (°C):** Not determined

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

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

**Evaporation rate:** Not determined

**Boiling point (°C):** Not determined

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

**pH (%):** 3 – 5 (5g/L)

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

**Solubility in water:** Forms gel



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## ALKAPAM C1803

### SECTION VI: FIRE AND EXPLOSION DATA

**Conditions of flammability:** Product will burn under fire conditions.

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

**Flash point:** Not applicable

**Upper flammable limit:** Not applicable

**Lower flammable limit:** Not applicable

**Auto-ignition temperature:** Not applicable

**Hazardous combustion products:** Oxides of carbon and oxides of nitrogen on 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:** Strong oxidizing and reducing agents.

**Conditions of reactivity:** Avoid heat and ignition sources including static charge buildup.

**Hazardous decomposition products:** Oxides of carbon and oxides of nitrogen on combustion.



### SECTION VIII: PREVENTATIVE MEASURES

**Personal protective equipment:** Suggest NIOSH/MESA approved dust mask. Suggest plastic or rubber gloves. Safety glasses or goggles are recommended. Suggest clothing as required to prevent contact.

**Specific engineering controls:** General mechanical ventilation sufficient for normal use. Use local exhaust, ventilation, process enclosure or other engineering controls to maintain levels of airborne dust below TLV. Ensure eye wash station and emergency shower are available.

**Procedures for leak/spills:** Use appropriate safety equipment. Ventilate area. Eliminate ignition sources. Sweep up and collect material using non sparking equipment. Avoid creating dust. Sweep up and scoop, or vacuum to collect. Collect uncontaminated material for repackaging. Collect contaminated material for disposal. Wash spill site after material pick-up. Water solutions are very slippery. Do not allow material to enter 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 prolonged or frequent contact when handling material. Wear suitable protective equipment to prevent skin and eye contact. Avoid inhalation and ingestion. Wash thoroughly after handling. Keep container closed when not in use.

**Storage requirements:** Store in cool and dry location away from ignition sources and incompatibles. Use non-sparking tools and ground/bonded equipment and containers when transferring. Avoid creating dusts, as this product is pyrophoric in powder form.

**Special shipping information:** Not applicable

### SECTION IX: PREPARATION

**Date updated:** March 3, 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.