

# ALKAPAM C1803D

## SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	ALKAPAM C1803D
<b>Other Means of Identification</b>	Cationic water-soluble polymer
<b>Product Family</b>	Flocculation agent
<b>Recommended Use</b>	Drilling Fluid Additive.
<b>Supplier</b>	Bri-Chem Supply Ltd., Bay 4, 5510 - 3rd Street SE, Calgary, Alberta, T2H 1J9, Bri-Chem Supply, 403-252-5904, <a href="http://www.brichemsupply.com">www.brichemsupply.com</a>
<b>Emergency Phone No.</b>	ChemTrec, (800) 424-9300, 24/7

## SECTION 2. HAZARDS IDENTIFICATION

### GHS Classification

Not classified under any GHS hazard classes.

### GHS Label Elements

Not applicable

### Other Hazards

Slip hazard when material becomes wet.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Contains no hazardous ingredients.

## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

#### Inhalation

Remove to fresh air. If breathing has stopped, administer CPR and seek medical attention.

#### Skin Contact

Wash with soap and water. If irritation develops or persists, seek medical attention.

#### Eye Contact

Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for at least 15 minutes, while holding the eyelid(s) open. If adverse symptoms develop, seek medical attention.

#### Ingestion

If conscious, give 2-4 glasses of water to drink, but DO NOT induce vomiting. Never give anything by mouth to an unconscious or convulsing victim. Get medical attention.

#### First-aid Comments

This product is not considered toxic based on studies on laboratory animals.

## SECTION 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Dry chemical, carbon dioxide, foam, water.

## Specific Hazards Arising from the Chemical

Not available.

Slippery when wet.

Hazardous combustion products.

## Special Protective Equipment and Precautions for Fire-fighters

Aqueous solutions or powders that become wet render surfaces extremely slippery.

Chemical protective clothing (e.g. chemical splash suit) and positive pressure SCBA may be necessary.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

### Environmental Precautions

It is good practice to prevent releases into the environment. Do not allow into any sewer, on the ground or into any waterway.

### Methods and Materials for Containment and Cleaning Up

Do not allow into sewers or waterways. Do not flush with water. Clean up promptly by scoop, broom or vacuum. Keep in suitable and closed containers for disposal. After cleaning, flush away traces with water.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Avoid ingestion. Avoid skin and eye contact. Practice reasonable caution and personal cleanliness.

Handle in accordance with good industrial hygiene and safety practice. It is good practice to: avoid breathing product; avoid skin and eye contact and wash hands after handling.

### Conditions for Safe Storage

Store in a cool, dry, well-ventilated place. Keep container tightly closed and away from incompatible materials.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits not available.

### Appropriate Engineering Controls

No engineering controls for normal use.

### Individual Protection Measures

#### Eye/Face Protection

Wear chemical safety goggles. DO NOT wear contact lenses.

#### Skin Protection

Chemically-resistant clothing, including apron and gloves, are recommended.

#### Respiratory Protection

In absence of proper ventilation, recommend NIOSH-approved dust respirator.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Appearance	White Granules. Particle Size: Not available
Odour	Odourless
Odour Threshold	Not available
pH	3 - 5 (0.5% solution)
Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Initial Boiling Point/Range	Not applicable
Flash Point	Not applicable
Evaporation Rate	Not available

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<b>Upper/Lower Flammability or Explosive Limit</b>	Not available (upper); Not available (lower)
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (air = 1)</b>	Not available
<b>Relative Density (water = 1)</b>	0.78
<b>Solubility</b>	Dispersible in water; Not available (in other liquids)
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not applicable
<b>Viscosity</b>	Not applicable (kinematic)
<b>Other Information</b>	
<b>Physical State</b>	Solid
<b>Molecular Formula</b>	Not available
<b>Molecular Weight</b>	Not available
<b>Bulk Density</b>	Not available
<b>Surface Tension</b>	Not applicable
<b>Critical Temperature</b>	Not available
<b>Vapour Pressure at 50 deg C</b>	Not available
<b>Saturated Vapour Concentration</b>	Not available

## SECTION 10. STABILITY AND REACTIVITY

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

Hazardous polymerization will not occur.

### Incompatible Materials

Strong oxidizing agents.

### Hazardous Decomposition Products

Oxides of carbon and nitrogen on combustion.

## SECTION 11. TOXICOLOGICAL INFORMATION

No hazardous ingredients. Effects of acute exposure not known.

### Likely Routes of Exposure

Skin contact; eye contact; inhalation; ingestion.

### Skin Corrosion/Irritation

No effects of exposure expected due to contact.

### Serious Eye Damage/Irritation

No effects of exposure expected with the exception of mechanical irritation.

### STOT (Specific Target Organ Toxicity) - Single Exposure

#### Inhalation

May cause sneezing; slight irritation of nose and throat.

#### Ingestion

No adverse effects expected. Product may swell in the throat causing choking.

### STOT (Specific Target Organ Toxicity) - Repeated Exposure

Prolonged exposure may cause skin irritation or dermatitis in some individuals.

### **Respiratory and/or Skin Sensitization**

May cause sensitization in some people.

### **Reproductive Toxicity**

#### **Development of Offspring**

Embryotoxicity data not available.

No information was located for: Respiratory and/or Skin Sensitization, Carcinogenicity, Sexual Function and Fertility, Germ Cell Mutagenicity, Interactive Effects

## **SECTION 12. ECOLOGICAL INFORMATION**

No ecotoxicity or environmental fate data available.

## **SECTION 13. DISPOSAL CONSIDERATIONS**

### **Disposal Methods**

Can be landfilled or incinerated, when in compliance with federal, provincial and local regulations.

## **SECTION 14. TRANSPORT INFORMATION**

Not regulated under Canadian TDG Regulations.

**Special Precautions for User** Not applicable

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

## **SECTION 15. REGULATORY INFORMATION**

### **Safety, Health and Environmental Regulations**

#### **Canada**

#### **WHMIS Classification**

Not a WHMIS controlled product.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by the Controlled Products Regulations.

## **SECTION 16. OTHER INFORMATION**

**SDS Prepared By** Bri-Chem Supply Ltd

**Phone No.** (403) 252-5904

**Date of Preparation** November 11, 2015

**Disclaimer** This Health and Safety information is correct to the best of our knowledge and belief at the date of its publication, but we cannot accept liability for any loss, injury or damage which may result from its use. We shall ensure, so far as is reasonably practicable, that any revision of this Data Sheet is sent to all customers to whom we have directly supplied this substance, but must point out that it is the responsibility of any intermediate supplier to ensure that such revision is passed to the ultimate user. The information given in the Data Sheet is designed only as guidance for safe handling, storage, and the use of the substance. It is not a specification nor does it guarantee any specific properties. All chemicals should be handled only by competent personnel, within a controlled environment. Should further information be required, this can be obtained through the sales office whose address is at the top of this data sheet.

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