

ALKAPAM C1803D

SECTION 1. IDENTIFICATION

Product Identifier	ALKAPAM C1803D
Other Means of Identification	Cationic water-soluble polymer
Product Family	Flocculation agent
Recommended Use	Drilling Fluid Additive.
Supplier	Bri-Chem Supply Ltd., Bay 4, 5510 - 3rd Street SE, Calgary, Alberta, T2H 1J9, Bri-Chem Supply, 403-252-5904, www.brichemsupply.com
Emergency Phone No.	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.

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

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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 February 24, 2016

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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