

## SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER:	<b>ALKAPAM A-1103D</b>
OTHER MEANS OF IDENTIFICATION:	Synerfloc A-1103D
RECOMMENDED USE:	Drilling fluid additive
RESTRICTIONS ON USE:	None
SUPPLIER IDENTIFIER:	<b>Di-Corp</b> <b>8750-53 Ave</b> <b>Edmonton, AB T6E 5G2</b> <b>780-440-4923</b>
EMERGENCY PHONE NUMBER:	780-468-4064 (24 hr)

## SECTION 2: HAZARD IDENTIFICATION

CLASSIFICATION:	Not classified according to Part 2 of HPR.
LABEL SYMBOLS:	Not applicable
SIGNAL WORD:	Not applicable
HAZARD STATEMENTS:	Not applicable
OTHER HAZARDS:	Spills create extremely slippery surfaces.
PRECAUTIONARY STATEMENTS:	Not applicable

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	CONCENTRATION
Contains no hazardous ingredients.		

## SECTION 4: FIRST AID MEASURES

SKIN CONTACT:	Remove contaminated clothing; wash exposed area thoroughly with soap and water. If irritation develops and persists obtain medical attention.
EYE CONTACT:	Immediately flush eyes with gently flowing warm water for 15 minutes, or until irritation ceases. If irritation persists, obtain medical attention.
INGESTION:	Rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Obtain medical attention. Never give anything by mouth if patient is unconscious, rapidly losing consciousness or convulsing.
INHALATION:	Move to fresh air. Apply oxygen or artificial respiration if required. If breathing difficulties or distress continues, obtain medical attention.
MOST IMPORTANT SYMPTOMS / EFFECTS:	No known significant acute or chronic effects are expected as a result of contact with this product.
IMMEDIATE MEDICAL ATTENTION / SPECIAL TREATMENT:	Treat symptomatically.

## SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:	Carbon dioxide, dry chemical, water spray or foam.
UNSUITABLE EXTINGUISHING MEDIA:	None known.
SPECIFIC FIRE HAZARDS:	None known.
HAZARDOUS COMBUSTION PRODUCTS:	Oxides of carbon, oxides of nitrogen. Hydrogen cyanide may be produced in the event of combustion in an oxygen deficient atmosphere.
SPECIAL PROTECTIVE EQUIPMENT & PRECAUTIONS:	Self-contained breathing apparatus required for fire-fighting personnel. Move from fire area if possible.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Use appropriate safety equipment. Do not flush with water. The product swells in water. The product, when wet, renders surfaces extremely slippery.

### METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Sweep up or vacuum to collect spilled material. Collect uncontaminated material for repackaging. Collect contaminated material and absorbent in approved containers for disposal. Wash spill area with water thoroughly until non-slippery.

## SECTION 7: HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING

Avoid skin and eye contact. Wash thoroughly after handling. Slippery when wet.

### CONDITIONS FOR SAFE STORAGE & INCOMPATIBILITIES

Store in a cool, dry area away from incompatible materials. Keep away from heat and sources of ignition. Incompatible with strong acids and oxidizing agents.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS:	Not available. See local nuisance dust limits.
ENGINEERING CONTROLS:	Use local exhaust ventilation, process enclosure or other engineering controls as required to maintain dust concentration below TLV's.
	PERSONAL PROTECTIVE MEASURES
RESPIRATORY PROTECTION:	Not required under normal conditions of use.
PROTECTIVE GLOVES:	Rubber gloves recommended.
EYE PROTECTION:	Safety glasses with side-shields or chemical goggles.
OTHER PROTECTIVE EQUIPMENT (SPECIFY):	Ensure eye-wash station and emergency shower are available.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	White granular solid
ODOUR:	None
ODOUR THRESHOLD:	Not applicable
pH:	5 – 8 @ 5g/L
MELTING POINT / FREEZING POINT:	Not available
BOILING POINT / RANGE:	Not available
FLASH POINT:	Not available
EVAPORATION RATE:	Not available
FLAMMABILITY:	Not available
FLAMMABILITY / EXPLOSIVE LIMITS:	Not available
VAPOUR PRESSURE:	Not available
VAPOUR DENSITY:	Not available
RELATIVE DENSITY:	0.6 – 0.9
SOLUBILITY:	Soluble in water
PARTION COEFFICIENT:	Not available
AUTO-IGNITION TEMPERATURE:	Not available
DECOMPOSITION TEMPERATURE:	>150°C
VISCOSITY:	Not applicable

## SECTION 10: STABILITY AND REACTIVITY

REACTIVITY:	No information available
CHEMICAL STABILITY:	Stable under normal conditions
POSSIBILITY OF HAZARDOUS REACTIONS:	Polymerization will not occur.
CONDITIONS TO AVOID:	None known.
INCOMPATIBLE MATERIALS:	Incompatible with strong acids and oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of carbon, oxides of nitrogen. Hydrogen cyanide may be produced in the event of combustion in an oxygen deficient atmosphere.

## SECTION 11: TOXICOLOGICAL INFORMATION

PRODUCT TOXICITY:	Not available
SKIN CONTACT:	No effects expected.
EYE CONTACT:	Particles may cause mechanical irritation.
INGESTION:	No adverse effects expected from incidental ingestion.
INHALATION:	No effects expected.
CARCINOGENICITY:	Not listed by IARC, NTP, ACGIH or OSHA.
TERATOGENICITY:	Not toxic based on available information.
REPRODUCTIVE TOXICITY:	Not toxic based on available information.
MUTAGENICITY:	Not mutagenic based on available information.
CHRONIC TOXICITY:	No information available.
TARGET ORGAN EFFECTS:	No information available.

## SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY:	LC50/Danio rerio/96 hr > 100mg/L LC50/Oncorhynchus mykiss/96 hr > 100 mg/L EC50/Daphnia magna/48 hr > 100 mg/L IC50/Scenedesmus subspicatus/72 hr > 100 mg/L
PERSISTENCE AND DEGRADABILITY:	Not readily biodegradable.
BIOACCUMULATIVE POTENTIAL:	Not likely to bioaccumulate.
MOBILITY IN SOIL:	No information available.
OTHER ADVERSE EFFECTS:	No information available.

## SECTION 13: DISPOSAL CONSIDERATIONS

Dispose/incinerate in accordance with federal, state and local regulations. Can be landfilled or incinerated, when in compliance with 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.

## SECTION 14: TRANSPORTATION INFORMATION

TDG	Not regulated
DOT	Not regulated
IATA	Not regulated
IMDG	Not regulated
IMDG HAZARDS:	Not applicable
BULK TRANSPORT:	Not applicable

SPECIAL PRECAUTIONS: Not applicable

## **SECTION 15: REGULATORY INFORMATION**

DSL: All ingredients are listed on the DSL.  
WHMIS CLASS: Not controlled  
TSCA: All ingredients are listed or exempt from listing.

## **SECTION 16: OTHER INFORMATION**

REVISION DATE: May 17, 2018

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