



MATERIAL SAFETY DATA SHEET

SECTION I: IDENTIFICATION OF PRODUCT

PRODUCT NAME: Alkapam 1103A & Alkapam 1703A

PRODUCT USE: Oil Well Fluid Additive **CAS No.** 25085-02-3

CHEMICAL FAMILY: Copolymer of Acrylamide and Sodium Acrylate

WORK PLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

WHMIS CLASSIFICATION: Not a Controlled Product Under WHMIS

WORK PLACE HAZARD: N/A

TRANSPORTATION OF DANGEROUS GOODS (TDG)

SHIPPING NAME: Not Regulated Under TDG

TDG CLASSIFICATION: N/A

UN NUMBER (PIN): N/A

PACKING GROUP: N/A

SECTION II: HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>PERCENT</u>	<u>CAS NUMBER</u>	<u>LD₍₅₀₎ Oral-Rat</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
No Hazardous Ingredients					

SECTION III: TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: SKIN EYE CONTACT INHALATION INGESTION

EFFECTS OF CHRONIC EXPOSURE: Skin irritation of dermatitis may occur upon frequent or prolonged contact. Repeated or prolonged contact may cause sensitisation in some individuals.

EYE CONTACT: No effects of exposure expected with the exception of possible irritation.

SKIN CONTACT: Prolonged contact may cause skin irritation or dermatitis in some individuals.

INGESTION: No adverse effects expected. LD₅₀ (oral rat): >2,000 mg/kg.

INHALATION: May cause sneezing, slight irritation of nose and throat.

SECTION IV: FIRST AID MEASURES



MATERIAL SAFETY DATA SHEET

SKIN CONTACT:	Wash exposed area with soap and water. If irritation or abnormalities persist, call a physician.
EYE CONTACT:	Immediately flush eyes with water for 15 minutes and call a physician.
INGESTION:	Do not induce vomiting/dilute by giving two glasses of water. Never give anything by mouth to an unconscious person. Call a physician.
INHALATION:	Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician.

SECTION V: PHYSICAL DATA

APPEARANCE AND ODOUR:	White granular solid; faint odour
SPECIFIC GRAVITY:	0.80 g/cc
BOILING POINT (°C):	Decomposes
MELTING POINT (°C):	N/A
pH:	6.5-8.5
SOLUBILITY IN WATER:	Soluble
PERCENT VOLATILE BY VOLUME:	N/A
EVAPORATION RATE:	N/A
VAPOUR PRESSURE (mm Hg):	Very Low
VAPOUR DENSITY (Air = 1):	N/A

SECTION VI: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	N/A
FLAMMABLE LIMITS:	N/A
EXTINGUISHING MEDIA:	Dry chemical, foam, CO ₂
SPECIAL FIRE FIGHTING PROCEDURES:	Self-contained respirators required for fire fighting personnel. Water may cause excessive slipperiness.
HAZARDOUS COMBUSTION PRODUCTS:	Oxides of carbon and nitrogen and products of incomplete combustion.
UNUSUAL FIRE/EXPLOSION HAZARDS:	Requires a source of ignition, the presence of air, and a temperature greater than the flash point.

SECTION VII: REACTIVITY DATA



MATERIAL SAFETY DATA SHEET

STABILITY: Stable [XX] Unstable []

INCOMPATIBILITY (CONDITIONS TO AVOID): Avoid contamination with strong oxidizing agents/caustic solutions.

HAZARDOUS DECOMPOSITION PRODUCTS: N/A

HAZARDOUS POLYMERIZATION: Will Not Occur [XX] May Occur []

SECTION VIII: PREVENTIVE MEASURES

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Suggest NIOSH/MESA approved dust mask.

VENTILATION: 10 changes per hour suggested.

PROTECTIVE GLOVES: Suggest plastic or rubber.

EYE PROTECTION: Suggest goggles.

OTHER PROTECTIVE EQUIPMENT (Specify): Clothing as required to prevent contact.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid prolonged/frequent contact when handling material. Do not inhale dust. Keep container closed when not in use. Store in cool/dry location away from oxidizing/reducing agents. Wear a NIOSH-approved respirator, if adequate ventilation not provided. Protective measures during repair/maintenance of equipment: Wash equipment thoroughly with steam or warm water until clean. In all cases, follow good industrial safety practices before entering equipment.

STEPS TO BE TAKEN IN CASE THE MATERIAL IS SPILLED OR RELEASED

Ventilate area. Wear rubber boots, gloves, and a self-contained breathing apparatus if ventilation is not adequate. Collect into waste container. Avoid raising dust. Wash spill site after material pick-up. Water solutions are very slippery. May constitute a hazard following a spill.

WASTE DISPOSAL METHOD

Dispose of waste according to federal, provincial, and local regulations.

SECTION IX: PREPARATION

THE INFORMATION CONTAINED HEREIN IS GIVEN IN GOOD FAITH, BUT NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE.

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