

SECTION I: IDENTIFICATION OF PRODUCT

Product Identifier	PRAIRIE K
Supplier	Prairie Mud & Chemical Serv. 738 - 6 Street Estevan, SK S4A 1A4 Phone: (306) 634-3411
Chemical Family / Formula	Quaternized amine
Product Use	Clay Stabilizer

SECTION II: HAZARDOUS AND/OR INGREDIENT DISCLOSURE COMPONENTS

Name	Percent (%)	CAS#	LD ₅₀ (oral rat)	LD ₅₀ (dermal rabbit)	LC ₅₀ (inhalation rat)
Choline Chloride	60-100	67-48-1	3400 mg/kg	Not determined	Not Determined

SECTION III: HEALTH HAZARDS



Routes of Entry	[X] SKIN [X] EYE CONTACT [X] INHALATION [XX] INGESTION
Threshold Limit Value	Not Determined
Skin Contact	Brief contact may cause mild irritation and redness.
Eye Contact	May cause eye irritation with discomfort, tearing and blurring of vision.
Ingestion	Possible effects to kidneys and liver. Possible gastrointestinal complications, nausea, vomiting, and irritation.
Inhalation	May cause headache, nausea, and vomiting.
Carcinogenicity	Not available
Reproductive Toxicity	Not available
Teratogenicity	Not available
Mutagenicity	Not available
Developmental Toxicity	Not available

SECTION IV: FIRST AID MEASURES

Skin Contact	Flush skin with soap and water for 15 minutes after contact. Wash contaminated clothing before reuse. If irritation develops or persists, seek medical attention.
Eye Contact	Flush eyes immediately with water for 15 minutes or until irritation subsides. Seek medical attention.
Ingestion	If victim is conscious and not convulsing give 2 to 4 glasses of water. Induce vomiting if large dose is ingested. Keep at rest. Seek medical attention.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep at rest. Seek medical attention

SECTION V: PHYSICAL DATA

Appearance	Clear liquid
Odour	Amine Odour
Specific Gravity	1.10
Boiling Point (°C)	120 °C
Melting Point (°C)	-65° C
Solubility in Water	Soluble
Percent Volatile by Volume	Not Determined
Evaporation Rate	Not Determined

Protective Equipment	Transportation of Dangerous Goods	WHMIS
 Chemical resistant gloves, and safety glasses recommended	Shipping Name: Not Regulated Class: N/A UN Number: N/A Packing Group: N/A	 D-2B Skin and eye irritant

SECTION V: PHYSICAL DATA (continued)

Vapour Pressure (mm Hg)	Not determined
Vapour Density (Air = 1)	Not Determined
pH	6.5 – 8.5

SECTION VI: FIRE AND EXPLOSION HAZARD DATA

Flash Point	>93° C (TCC)
Flammable Limits	Not Available
Extinguishing Media	CO ₂ ; Foam; Dry Chemical; Water spray
Special Fire Fighting Procedures	Use full protective equipment and self-contained breathing apparatus.
Unusual Fire and Explosion Hazards	None known

SECTION VII: REACTIVITY DATA

Stability	<input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE
Incompatibility (Conditions to Avoid)	Corrosive to steels, copper, brass, aluminium and other metals when exposed to a humid environment
Conditions of Reactivity	Not Known
Hazardous Decomposition Products	Chlorides and nitrous oxide fumes
Hazardous Polymerization	<input checked="" type="checkbox"/> WILL NOT OCCUR <input type="checkbox"/> MAY OCCUR

SECTION VIII: PREVENTIVE MEASURES

Special Protection Information	
Respiratory Protection	Use NIOSH/MSHA approved respiratory product when ventilation is inadequate
Ventilation	General mechanical
Protective Gloves	Chemical resistant
Eye Protection	Safety glasses
Other Protective Equipment (Specify)	None
Accidental Release Measures	
Steps to be taken in case the Material is Spilled or Released	Dike spill with sand or earth. Absorb material with non-flammable absorbent. Transfer to plastic-lined steel drums for recovery or disposal. Do not allow into sewer or streams.
Handling and Storage	
Precautions to be taken in Handling and Storing	Avoid ingestion. Practice reasonable caution and personal cleanliness. Avoid skin and eye contact. Store in a cool well ventilated area.
Disposal	
Waste Disposal Method	Dispose of waste material at an approved (hazardous) waste treatment / disposal facility in accordance with applicable local, provincial and federal regulations. Do not dispose of waste with normal garbage, or sewer systems.

SECTION IX: PREPARATION

Date Issued	October 2009
Supersedes	New
Prepared by	Product safety committee
Phone	403-279-8545

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