



Prairie Mud Service Ltd.

"Serving Western Canada with 24 Hour Drilling Mud Service"

MSDS (Material Safety Data Sheet)

MATERIAL SAFETY DATA SHEET

SECTION I: IDENTIFICATION OF PRODUCT

COMPANY: **Prairie Mud Service** DATE: Nov 27, 2009
738 6th Street PHONE: 306-634-3411
Estevan, SK S4A 2P3 FAX: 306-634-6694

PRODUCT NAME: **ZETAG 8125; ZETAG 7557; ZETAG 7587**

PRODUCT USE: Oilwell and industrial drilling fluid additive.
 CHEMICAL FAMILY: Cationic acrylamide polymer CAS#: Not available

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

WHMIS CLASSIFICATION: D2B
 WORKPLACE HAZARD: Eye irritant

TRANSPORTATION OF DANGEROUS GOODS (TDG)

PROPER SHIPPING NAME: Not regulated under TDG
 TDG CLASSIFICATION: Not applicable
 UN NUMBER (PIN): Not applicable
 PACKING GROUP: Not applicable

SECTION II: HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>% (w/w)</u>	<u>CAS NUMBER</u>	<u>LD₅₀ Oral-Rat</u>	<u>LC₅₀ Inhal-Rat</u>	<u>ACGIH-TLV</u>
Adipic acid	1.0 – 5.0	124-04-9	1900 mg/kg	Not available	5 mg/m ³

SECTION III: HEALTH HAZARDS

ROUTE OF ENTRY: EYE CONTACT SKIN INHALATION INGESTION
 EYE CONTACT: May cause irritation and redness.
 SKIN CONTACT: Prolonged or repeated contact may cause slight irritation.
 INGESTION: Low acute oral toxicity (LD₅₀ oral-rat > 2000 mg/kg). May cause gastrointestinal upset.
 INHALATION: May cause upper respiratory tract irritation.
 CARCINOGENICITY: Not a known carcinogen.
 TERATOGENICITY: Not a known teratogen.
 REPRODUCTIVE TOXICITY: No information available.
 MUTAGENICITY: Not a known mutagen.



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SECTION VII: REACTIVITY DATA

STABILITY:	STABLE [XX]	UNSTABLE []
INCOMPATIBILITY (CONDITIONS TO AVOID):	Avoid contact with strong oxidizers. Avoid ignition sources if dust clouds created.	
CONDITIONS OF REACTIVITY:	Not determined.	
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of carbon on thermal decomposition.	
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR [XX]	MAY OCCUR []

SECTION VIII: PREVENTATIVE MEASURES

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:	Suggest NIOSH approved dust mask for dust levels below TLV. If dust concentration in air exceeds TLV use an approved respirator with dust cartridges.
VENTILATION:	Use local exhaust ventilation, process enclosure or other engineering controls to maintain dust level below TLV.
PROTECTIVE GLOVES:	Personal preference.
EYE PROTECTION:	Wear safety glasses with side-shields or goggles.
OTHER PROTECTIVE EQUIPMENT (Specify):	Ensure eyewash station and emergency shower are available.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid skin and eye contact. Wash thoroughly after handling. Avoid breathing dust. Avoid creating dust cloud during handling. Use only in a well ventilated area. Use nonsparking tools and grounded/bonded equipment and containers when transferring. Store in a cool, dry area away from oxidizers and ignition sources. Empty packaging contains residual hazardous material and must be stored and handled as if full.

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

Use appropriate safety equipment. Eliminate ignition sources. Contain spill. Collect by vacuum if possible to avoid generation of dust. Collect uncontaminated material for repackaging. Collect contaminated material in an approved container for disposal. Wash contaminated area with water. Collect washings for disposal. Do not flush to sewer.

WASTE DISPOSAL METHOD

Dispose in accordance with federal, provincial and 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.



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SECTION IX: PREPARATION

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

DATE ISSUED: Nov 27, 2009

BY: Product safety committee

PHONE: 306-634-3411