



MATERIAL SAFETY DATA SHEET

SECTION I: IDENTIFICATION OF PRODUCT

PRODUCT NAME: Potassium Sulphate

PRODUCT USE: Oil Well Fluid Additive **CAS No.** 7778-80-5

CHEMICAL FAMILY: Inorganic Sulphate Salt

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 Dangerous Goods

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

OVEREXPOSURE: Minor skin, respiratory tract or eye irritation. May reduce lung function

EYE CONTACT: May result in eye irritation in some individuals.

SKIN CONTACT: May tend to dry or desiccate surface of skin upon prolong exposure to dry salt.

INGESTION: May irritate gastrointestinal tract. Ingestion of large quantities may result in vomiting.

INHALATION: May cause irritation of respiratory tract.

SECTION IV: FIRST AID MEASURES

SKIN CONTACT: Flush with water, obtain medical attention if rash develops.



MATERIAL SAFETY DATA SHEET

EYE CONTACT:	Flush with running water for at least 15 minutes and obtain medical attention.
INGESTION:	Obtain medical attention. Large amounts usually cause purging of the stomach by vomiting.
INHALATION:	Obtain medical advice if symptoms persist.

SECTION V: PHYSICAL DATA

APPEARANCE AND ODOUR:	Beige powder; odourless
SPECIFIC GRAVITY:	2.66 g/cc
BOILING POINT (°C):	1689°C
MELTING POINT (°C):	1072°C
pH:	6.8-7.4
SOLUBILITY IN WATER:	12% @ 20°C
PERCENT VOLATILE BY VOLUME:	N/A
EVAPORATION RATE:	N/A
VAPOUR PRESSURE (mm Hg):	N/A
VAPOUR DENSITY (Air = 1):	N/A

SECTION VI: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	Not Flammable
FLAMMABLE LIMITS:	N/A
EXTINGUISHING MEDIA:	Applicable for surrounding fire
SPECIAL FIRE FIGHTING PROCEDURES:	Self-contained respirators required for fire fighting personnel
UNUSUAL FIRE AND EXPLOSION HAZARDS:	None

SECTION VII: REACTIVITY DATA

STABILITY:	Stable [XX]	Unstable []
INCOMPATIBILITY (CONDITIONS TO AVOID):	None	
CONDITIONS OF REACTIVITY:	None	
HAZARDOUS DECOMPOSITION PRODUCTS:	None	



MATERIAL SAFETY DATA SHEET

HAZARDOUS POLYMERIZATION:

Will Not Occur [XX]

May Occur []

VIII: PREVENTIVE MEASURES

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Dust mask for dusty condition

VENTILATION: Use local or area ventilation to remove dust

PROTECTIVE GLOVES: None required

EYE PROTECTION: Safety glasses

OTHER PROTECTIVE EQUIPMENT (Specify): None required

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid generating dust by unnecessary or excessively vigorous movements. Keep dry, avoid contact with carbon steels and aluminium.

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

Place in containers or vehicle with shovels or loaders, flush area with water. Material lends itself to reclamation. If possible, return material to plant for repackaging.

WASTE DISPOSAL METHOD

Uncontaminated material may be used as fertilizer. Waste may be disposed of in suitable landfill in accordance with applicable regulations.

SECTION IX: PREPARATION

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

DATE PRINTED: March 30, 2007

BY: MILLENNIUM TECHNOLOGIES LTD.

DATE MODIFIED: February 2007

APPROVED BY:

SUPERSEDES: May 2004

24 HOUR PHONE: 403-252-5904