

MATERIAL SAFETY DATA SHEET

SECTION I: IDENTIFICATION OF PRODUCT

COMPANY: **Diversity Technologies Corp.** DATE: **October 8, 2009**
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PRODUCT NAME: **K2**

PRODUCT USE: Oil well drilling fluid additive.
CHEMICAL FAMILY: Amine salts CAS # Mixture

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

WHMIS CLASSIFICATION: D2B
WORKPLACE HAZARD: Skin and 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>LD₅₀Oral-Rat</u>	<u>LC₅₀Inhal-Rat</u>	<u>ACGIH-TLV</u>
1,6-Hexanediamine	30-60	124-09-4	750 mg/kg	Not available	2.3 mg/m ³
Formic acid	10-30	64-18-6	1100 mg/kg	Not available	5 ppm

SECTION III: HEALTH HAZARDS

ROUTE OF ENTRY: EYE CONTACT SKIN INHALATION INGESTION
EYE CONTACT: May cause irritation. Due to the pH of the product the corrosive properties of the individual components are not present.
SKIN CONTACT: Not expected to be a problem under normal conditions of use. Liquid may cause minor irritation, burning on prolonged contact with skin. Due to the pH of the product the corrosive properties of the individual components are not present.

INGESTION:	Not expected to be a problem. Ingestion of large quantities may cause gastrointestinal upset. Due to the pH of the product the corrosive properties of the individual components are not present.
INHALATION:	Not expected to be a problem under normal conditions of use. Due to the pH of the product the corrosive properties of the individual components are not present.
CARCINOGENICITY:	No information available.
TERATOGENICITY:	No information available.
REPRODUCTIVE TOXICITY:	No information available.
MUTAGENICITY:	No information available.
SYNERGISTIC PRODUCTS:	No information available.

SECTION IV: FIRST AID MEASURES

SKIN CONTACT:	Immediately flush thoroughly with water. If irritation develops or persists, obtain medical attention. Remove and launder contaminated clothing before reuse.
EYE CONTACT:	Immediately flush with gently flowing warm water for at least 15 minutes, or until irritation ceases. Obtain medical attention when flushing period is completed.
INGESTION:	If victim is conscious, give one to two glasses of water. Do not induce vomiting. Obtain immediate medical attention. Never give anything by mouth unless victim is fully conscious.
INHALATION:	Move victim to fresh air. Apply oxygen or artificial respiration if required. If breathing difficulties, or distress, continue obtain medical attention.

SECTION V: PHYSICAL DATA

APPEARANCE AND ODOUR:	Clear liquid; odourless
SPECIFIC GRAVITY:	1.085
BOILING POINT (°C):	>100
MELTING POINT (°C):	<-35
SOLUBILITY IN WATER:	Soluble
PERCENT VOLATILE BY VOLUME:	Not determined.
EVAPORATION RATE:	Not determined.
VAPOUR PRESSURE (mmHg):	Not determined.
VAPOUR DENSITY (air = 1):	Not determined.
BULK DENSITY:	Not determined.

pH: 6 - 8

SECTION VI: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	>100°C (TCC)
FLAMMABLE LIMITS:	Not applicable
EXTINGUISHING MEDIA:	Water, foam or dry chemical
SPECIAL FIRE FIGHTING PROCEDURES:	Self-contained breathing apparatus required for fire fighting personnel. Move containers from fire area, or cool with water spray, if possible.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Product may burn under fire conditions giving off noxious fumes.

SECTION VII: REACTIVITY DATA

STABILITY:	STABLE [XX]	UNSTABLE []
INCOMPATIBILITY (CONDITIONS TO AVOID):	Strong oxidizing agents.	
CONDITIONS OF REACTIVITY:	Not known.	
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of carbon and oxides of nitrogen.	
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR [XX]	MAY OCCUR []

SECTION VIII: PREVENTATIVE MEASURES**SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION:	Not required under normal conditions of use.
VENTILATION:	No special ventilation requirements under normal conditions of use. Use appropriate ventilation if vapours, mists or sprays are generated during use.
PROTECTIVE GLOVES:	Suggest plastic or rubber.
EYE PROTECTION:	Chemical goggles and/or full-face shield recommended.
OTHER PROTECTIVE EQUIPMENT (Specify):	Suggest rubber apron. Ensure emergency eye wash station and safety shower are available.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation. Wash thoroughly after handling. Store in a cool, dry, well-ventilated place away from incompatible materials and ignition sources. Do not cut, grind, weld or drill on or near this container. Containers, even those that have been emptied, will retain product residue; always obey hazard warnings and handle empty containers as if they were full.

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

Use appropriate protective equipment. Evacuate spill area of nonessential personnel. Eliminate ignition sources. Stop leak if possible to do so without risk. Soak up small spills with absorbent. Dike large spills to prevent water pollution. Collect spilled material and absorbents in approved containers for disposal. Wash spill area with water. Collect clean up water for disposal.

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. Empty containers that have not been cleaned and purged, contain residual hazardous material and must be disposed of, or recycled, in accordance with local regulations.

SECTION IX: PREPARATION

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

DATE ISSUED:	October 8, 2009	BY:	Product safety committee
SUPERSEDES:	April 25, 2007	PHONE:	780-440-4923

**Diversity Technologies Corp. is the parent company of
Canamara-United Supply, Hollimex Products, The Drilling Depot and
Westcoast Drilling Supplies.**