

MATERIAL SAFETY DATA SHEET

SECTION I: IDENTIFICATION OF PRODUCT

COMPANY: **Diversity Technologies Corp.** DATE: **May 29, 2009**
8750 – 53rd Ave. PHONE: 780-468-4064
Edmonton, AB T6E 5G2 FAX: 780-469-1899

PRODUCT NAME: **Aquatreat H2S**

PRODUCT USE: Hydrogen sulphide converter
CHEMICAL FAMILY: Amine blend CAS#: Mixture

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

WHMIS CLASSIFICATION: B3; D2A
WORKPLACE HAZARD: Combustible liquid; very toxic material

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>
Methanol	3-7	67-56-1	5628 mg/kg	64000 ppm/4hr	TWA = 200ppm

SECTION III: HEALTH HAZARDS

ROUTE OF ENTRY: [XX] EYE CONTACT [XX] SKIN [XX] INHALATION [XX] INGESTION
EYE CONTACT: Liquid, aerosols and vapours may be irritating and can cause pain, tearing, reddening and swelling accompanied by stinging and/or a feeling like that of fine dust in the eyes.
SKIN CONTACT: May cause irritation. Allergic reactions are possible. Methanol can be absorbed through the skin causing effects as per ingestion.
INGESTION: Causes nausea, headache, visual disturbances ranging from double vision to blindness, may result in central nervous system depression or death. Effects may be delayed up to 12 hours after ingestion. Chronic overexposure may cause kidney and liver damage.

SECTION VI: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	76°C (TCC)
FLAMMABLE LIMITS:	Not determined
EXTINGUISHING MEDIA:	Carbon dioxide, dry chemical, water spray or foam.
SPECIAL FIRE FIGHTING PROCEDURES:	Self-contained breathing apparatus required for fire fighting personnel. Remove from fire area, or cool with water spray, if possible.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Can form explosive mixtures at temperatures above flash point. Vapours are heavier than air, and may travel to a source of ignition and flash back.

SECTION VII: REACTIVITY DATA

STABILITY:	STABLE [XX]	UNSTABLE []
INCOMPATIBILITY (CONDITIONS TO AVOID):	Avoid contact with strong oxidizing agents. Avoid high temperatures.	
CONDITIONS OF REACTIVITY:	Not available.	
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:	In the absence of adequate ventilation, use an approved respirator with a combination dust/mist/organic vapour cartridges or SCBA.
VENTILATION:	Use local exhaust ventilation, process enclosure or other engineering controls to maintain concentration of mists or vapours in air below TLV. Ensure explosion proof equipment is used if material is heated.
PROTECTIVE GLOVES:	Rubber or plastic recommended.
EYE PROTECTION:	Recommend chemical splash goggles.
OTHER PROTECTIVE EQUIPMENT (Specify):	Wear clothing adequate to protect against exposure. Ensure eyewash station and emergency shower are available.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Keep containers tightly closed when not in use. Store in a dry area away from incompatibles and ignition sources. Ground and bond containers during transfers. Empty containers contain residual hazardous material; store and handle as if full.

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

Use appropriate safety equipment. Eliminate ignition sources. Stop leak if possible to do so without risk. Dike to prevent spread of material. Collect large spills by vacuum truck for disposal. Soak up residual and small spills with absorbent material. Collect in approved containers for disposal. Wash spill area thoroughly with soap and water.

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. Dispose of empty containers 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: May 29, 2009
SUPERSEDES: May 31, 2006

BY: Product safety committee
PHONE: 780-440-4923

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