

MATERIAL SAFETY DATA SHEET

SECTION I: IDENTIFICATION OF PRODUCT

COMPANY: **Diversity Technologies Corp.** DATE: **October 4, 2007**
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PRODUCT NAME: **HSO 0600G**

PRODUCT USE: Oil soluble hydrogen sulphide scavenger.
CHEMICAL FAMILY: Amine aldehyde condensate in solvents. CAS #: Mixture

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

WHMIS CLASSIFICATION: B3; D2A; D2B
WORKPLACE HAZARD: Flammable liquid; very toxic; skin and eye irritant

TRANSPORTATION OF DANGEROUS GOODS (TDG)

PROPER SHIPPING NAME: FLAMMABLE LIQUID, N.O.S. (aromatic naphtha)
TDG CLASSIFICATION: 3
UN NUMBER (PIN): UN1993
PACKING GROUP: III

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>
Amine compound	60-100	20280-10-8	Not available	Not available	Not available
Light aromatic naphtha	10-30	64742-95-6	Not available	Not available	Not available
1,2,4-trimethylbenzene	5-10	95-63-6	3280 mg/kg	18 g/m ³ /4hr	25 ppm
1,2,3-trimethylbenzene	1-5	526-73-8	Not available	Not available	Not available
1,2,5-trimethylbenzene	1-5	108-67-8	Not available	24000 mg/m ³ /4hr	Not available
Xylene	1-5	1330-20-7	4300 mg/kg	5000 ppm/4hr	100 ppm
Ethylbenzene	0.1-1	100-41-4	3500 mg/kg	Not available	100 ppm

SECTION III: HEALTH HAZARDS

ROUTE OF ENTRY: [XX] EYE CONTACT [XX] SKIN [XX] INHALATION [XX] INGESTION
EYE CONTACT: May cause irritation.
SKIN CONTACT: May be irritating. Skin sensitizer. May cause allergic skin reactions with repeated exposure. May be toxic if absorbed through the skin. Prolonged or repeated contact may cause dermatitis and defatting.
INGESTION: May cause severe gastro-intestinal irritation, with headache, nausea, diarrhea, and abdominal cramps.

INHALATION:	May cause CNS effects. May cause irritation of the respiratory tract. Inhalation of liquid may cause chemical pneumonitis, pulmonary edema and hemorrhaging.
CARCINOGENICITY:	Ethylbenzene is classified as a group 2B carcinogen (possibly carcinogenic to humans) by IARC.
TERATOGENICITY & EMBRYOTOXICITY:	A component(s) of this product is associated with adverse embryo/fetotoxic effects in animals.
REPRODUCTIVE TOXICITY:	No information available.
MUTAGENICITY:	1,2,5-trimethylbenzene has been positive in a mutagenicity assay.
SYNERGISTIC PRODUCTS:	No information available.
CHRONIC TOXICITY:	A component(s) of this product may cause kidney and liver damage upon prolonged and repeated overexposures. A component(s) of this product has been shown to cause liver, kidney, blood, bone marrow and cardiac effects in laboratory animals.

SECTION IV: FIRST AID MEASURES

SKIN CONTACT:	Wash with soap and water while removing contaminated clothing. If irritation persists, seek medical attention. Launder clothing before reuse. Clean leather goods thoroughly, or discard, before rewearing.
EYE CONTACT:	Flush with gently flowing warm water for 15 minutes, or until irritation ceases. If irritation persists, obtain medical attention.
INGESTION:	Do not induce vomiting unless directed to do so by medical personnel. If spontaneous vomiting occurs keep head below hips to prevent aspiration of vomitus. If symptoms occur, obtain immediate medical attention. Never give anything by mouth to an unconscious or convulsing victim.
INHALATION:	Move patient to fresh air. Apply oxygen or artificial respiration if required. Obtain medical attention.

SECTION V: PHYSICAL DATA

APPEARANCE AND ODOUR:	Amber liquid; aromatic/amine odour
SPECIFIC GRAVITY:	0.818 – 0.830 @ 16°C
BOILING POINT (°C):	Not available.
MELTING POINT (°C):	-40°C
SOLUBILITY IN WATER:	Dispersible pH: Not available
PERCENT VOLATILE BY VOLUME:	Not available.
EVAPORATION RATE:	>1 (compared to anhydrous ether)
VAPOUR PRESSURE (mmHg):	9 – 11 @ 38°C
VAPOUR DENSITY (air = 1):	> 1

BULK DENSITY: Not applicable

SECTION VI: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 52.2°C (SFCC)
 FLAMMABLE LIMITS: Not available
 EXTINGUISHING MEDIA: Alcohol foam, CO₂, dry chemical, foam and water fog.
 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: Vapours can form an explosive mixture with air. Vapours will travel to source of ignition and flash back.

SECTION VII: REACTIVITY DATA

STABILITY: STABLE [XX] UNSTABLE []
 INCOMPATIBILITY (CONDITIONS TO AVOID): Avoid strong oxidizing agents, heat, sparks and open flames.
 CONDITIONS OF REACTIVITY: Not available
 HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen and other toxic fumes may be produced on combustion.
 HAZARDOUS POLYMERIZATION: WILL NOT OCCUR [XX] MAY OCCUR []

SECTION VIII: PREVENTATIVE MEASURES

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NIOSH approved respirator with organic vapour cartridges recommended if ventilation is not adequate.
 VENTILATION: Use local exhaust ventilation, process enclosure or other engineering controls to maintain airborne levels below TLV. Ensure equipment is explosion proof.
 PROTECTIVE GLOVES: Suggest viton.
 EYE PROTECTION: Recommend chemical goggles.
 OTHER PROTECTIVE EQUIPMENT (Specify): Suggest rubber apron. Ensure eye wash station and emergency shower are available.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid ingestion. Practice reasonable caution and personal cleanliness. Avoid skin and eye contact. Avoid breathing vapours or spray mists. Wash thoroughly after handling. Store in cool, dry, well-ventilated area away from incompatibles and open flames. Keep container tightly closed when not in use. Open slowly. Use only in well ventilated area. Store unused material in original container. Empty contains, that have not been rinsed and purged, contain residual hazardous material and should 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. Evacuate spill area of nonessential personnel. Stop leak if possible to do so without risk. Soak up small spills with absorbent materials. Dike large spills to prevent water pollution. Collect uncontaminated material for repackaging. Collect contaminated material and absorbents in approved containers for disposal.

WASTE DISPOSAL METHOD

Dispose in accordance with federal, provincial and local regulations. It is the responsibility of the user to determine if material meets the criteria of hazardous waste at the time of disposal. Empty containers 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.

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BY: Product safety committee

SUPERSEDES: April 5, 2005

PHONE: 780-440-4923

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