

MATERIAL SAFETY DATA SHEET

SECTION I: IDENTIFICATION OF PRODUCT

COMPANY: **Diversity Technologies Corp.** DATE: **September 6, 2011**
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PRODUCT NAME: **Pro-Foam**

PRODUCT USE: Foaming agent
CHEMICAL FAMILY: Surfactant blend in alcohols CAS#: Mixture

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

WHMIS CLASSIFICATION: B2, D1B, D2A, D2B
WORKPLACE HAZARD: Flammable liquid; very toxic; teratogenic; skin and eye irritant.

TRANSPORTATION OF DANGEROUS GOODS (TDG)

PROPER SHIPPING NAME: EXEMPT when shipped by road, rail or a ship on a domestic voyage (Part 1.36 of TDG Regulations)
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>
Mixed C ₁₀ -C ₁₄ benzene ethanolamine sulfonates	40-70	85995-82-0	Not determined	Not determined	Not determined
Methanol	15-40	67-56-1	5628 mg/kg	64000 ppm/4hr	TWA=200 ppm

SECTION III: HEALTH HAZARDS

ROUTE OF ENTRY: EYE CONTACT SKIN INHALATION INGESTION
EYE CONTACT: Liquid and mist will cause irritation, redness, pain and/or blurred vision.
SKIN CONTACT: May cause mild irritation, redness, cracking or drying. Prolonged or repeated contact can cause rash or dermatitis. Methanol can be absorbed through the skin. Effects are as for ingestion.

INGESTION:	This product causes irritation to the mouth, throat and will cause abdominal pain. Cause 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.
INHALATION:	High vapour concentrations are irritating to the eyes and respiratory tract. May cause headaches, sleepiness, nausea, giddiness, loss of consciousness, digestive and visual disturbances and death.
CARCINOGENICITY:	No information available.
TERATOGENICITY:	Methanol: Fetotoxic and teratogenic effects observed in animals at concentrations that did not produce maternal toxicity
REPRODUCTIVE TOXICITY:	No information available.
MUTAGENICITY:	No information available.
SYNERGISTIC PRODUCTS:	No information available.

SECTION IV: FIRST AID MEASURES

SKIN CONTACT:	Immediately wash with soap and water for 15 to 20 minutes. Remove contaminated clothing and footwear. If irritation persists or develops, seek medical attention.
EYE CONTACT:	Flush eyes with gently flowing warm water for minimum 15 minutes, or until irritation ceases. Obtain medical attention when flushing period is complete.
INGESTION:	If victim conscious and alert, give ½ to 1 glass of water. Do not induce vomiting. Contact a physician or poison control center immediately. Never give anything by mouth if victim is unconscious, rapidly losing consciousness or convulsing.
INHALATION:	Remove patient to fresh air. Apply oxygen and/or artificial respiration as required. Obtain medical attention.

SECTION V: PHYSICAL DATA

APPEARANCE AND ODOUR:	Orange liquid; alcohol odour
SPECIFIC GRAVITY:	0.972
BOILING POINT (°C):	Not determined
MELTING POINT (°C):	Not determined
SOLUBILITY IN WATER:	Miscible pH: 6 - 8
PERCENT VOLATILE BY VOLUME:	Not determined
EVAPORATION RATE:	Not determined
VAPOUR PRESSURE (mmHg):	Not determined
VAPOUR DENSITY (air = 1):	Not determined
BULK DENSITY:	Not applicable

SECTION VI: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	28.3°C (TCC)
FLAMMABLE LIMITS:	Not determined
EXTINGUISHING MEDIA:	CO ₂ ; foam; dry chemical; water fog
SPECIAL FIRE FIGHTING PROCEDURES:	Use full protective equipment and self-contained breathing apparatus. Remove containers from fire area, or cool with water spray, if possible.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	May form explosive mixtures of vapours in air at or above the flash point. Vapours can travel to source of ignition and flash back.

SECTION VII: REACTIVITY DATA

STABILITY:	STABLE [XX]	UNSTABLE []
INCOMPATIBILITY (CONDITIONS TO AVOID):	Strong oxidizers. Avoid heat and sources of ignition.	
CONDITIONS OF REACTIVITY:	Not available	
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of carbon and nitrogen on combustion.	
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR [XX]	MAY OCCUR []

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

RESPIRATORY PROTECTION:	Use NIOSH approved respirator with organic vapour cartridges or SCBA if TLV is exceeded.
VENTILATION:	Use local exhaust ventilation, process enclosure or other engineering controls to maintain airborne vapour level below TLV. Ensure all mechanical ventilation systems are explosion proof.
PROTECTIVE GLOVES:	Chemical resistant gloves recommended.
EYE PROTECTION:	Chemical goggles and face shield recommended.
OTHER PROTECTIVE EQUIPMENT (Specify):	Suggest the use of a chemical apron and/or chemical resistant clothing. Ensure emergency eye wash station and safety shower are available.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Practice reasonable caution and personal cleanliness. Avoid ingestion. Do not breathe mist of vapours. Avoid skin and eye contact. Wash thoroughly after handling. Launder, or discard, contaminated clothing, footwear and leather items (watch bands, belts, etc) before reuse. Wear suitable protection for eyes and skin when handling. Store in dry well ventilated area away from ignition sources. Keep container tightly closed when not in use. Ground and bond containers during transfers. Empty packaging contains 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. Evacuate spill area of nonessential personnel. Eliminate all ignition sources. Stop leak if possible to do so without risk. Avoid all bodily contact with spilled material. Small spills; soak up with absorbent material and dispose in approved containers. Large spills; dike to contain spill to prevent water pollution. Recover dike material and absorbents in approved containers for disposal. Do not allow material to enter storm sewers or waterways.

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, which have not been cleaned and purged, must be recycled, or disposed of, 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: September 6, 2011 BY: Product safety committee
SUPERSEDES: September 19, 2008 PHONE: 780-440-4923

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