

MATERIAL SAFETY DATA SHEET

SECTION I: IDENTIFICATION OF PRODUCT

COMPANY: **Diversity Technologies Corp.** DATE: Dec. 19, 2005
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Edmonton, AB T6E 5G2 FAX: 604-940-6080

PRODUCT NAME: **LINSEED SOAP**

PRODUCT USE: Lubricant.
CHEMICAL FAMILY: Mixture CAS#: Mixture

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

WHMIS CLASSIFICATION: Not WHMIS controlled.
WORKPLACE HAZARD: Not applicable

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>PERCENT</u> | <u>CAS NUMBER</u> | <u>LD₅₀ Oral-Rat</u> | <u>LC₅₀ Inhal-Mouse</u> | <u>ACGIH-TLV</u> |
|---|----------------|-------------------|---------------------------------|------------------------------------|------------------|
| Contains no WHMIS controlled ingredients. | | | | | |

SECTION III: HEALTH HAZARDS

ROUTE OF ENTRY: [XX] EYE CONTACT [] SKIN [] INHALATION [] INGESTION
EYE CONTACT: May cause slight irritation.
SKIN CONTACT: May cause slight irritation.
INGESTION: Not considered toxic.
INHALATION: Not a likely source of contact during normal use.
CARCINOGENICITY: No information available.
TERATOGENICITY: No information available.
REPRODUCTIVE: No information available.
TOXICITY:
MUTAGENICITY: No information available.

SYNERGISTIC
PRODUCTS: No information available.

SECTION IV: FIRST AID MEASURES

SKIN CONTACT: Wipe away excess. Wash thoroughly with soap and water. Launder contaminated clothing before re-use. If irritation persists, obtain medical attention.

EYE CONTACT: Immediately flush with gently flowing warm water until material is removed and irritation ceases. If irritation persists, obtain medical attention.

INGESTION: If conscious give 1 to 2 glasses of water and induce vomiting; keep head below hips to prevent aspiration of vomitus. Obtain medical attention. Never give anything by mouth to an unconscious or convulsing victim.

INHALATION: Move to fresh air. Apply oxygen or artificial respiration if required. If breathing difficulties, or distress, continue obtain medical attention.

SECTION V: PHYSICAL DATA

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| APPEARANCE AND ODOUR: | Brown paste; slight odour | |
| SPECIFIC GRAVITY: | Not applicable | |
| BOILING POINT (°C): | 100 | |
| MELTING POINT (°C): | 0 | |
| SOLUBILITY IN WATER: | Soluble | pH: 9.5 – 11.0 |
| PERCENT VOLATILE BY VOLUME: | Not applicable | |
| EVAPORATION RATE: | Not applicable | |
| VAPOUR PRESSURE (mmHg): | Not applicable | |
| VAPOUR DENSITY (air = 1): | Not applicable | |
| BULK DENSITY | Not applicable | |

SECTION VI: FIRE AND EXPLOSION HAZARD DATA

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| FLASH POINT: | Not flammable |
| FLAMMABLE LIMITS: | Not applicable |
| EXTINGUISHING MEDIA: | Use media suitable for packaging and surrounding materials. |
| SPECIAL FIRE FIGHTING PROCEDURES: | Self-contained breathing apparatus required for fire fighting personnel. |
| UNUSUAL FIRE AND EXPLOSION HAZARDS: | None known. |

SECTION VII: REACTIVITY DATA

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|---|---------------------|---------------|
| STABILITY: | STABLE [XX] | UNSTABLE [] |
| INCOMPATIBILITY (CONDITIONS TO AVOID): | None known. | |
| CONDITIONS OF REACTIVITY: | None known. | |
| HAZARDOUS DECOMPOSITION | Not determined. | |
| PRODUCTS: | | |
| HAZARDOUS POLYMERIZATION: | WILL NOT OCCUR [XX] | MAY OCCUR [] |

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

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| RESPIRATORY PROTECTION: | Not applicable. |
| VENTILATION: | Not applicable. |
| PROTECTIVE GLOVES: | Personal preference. |
| EYE PROTECTION: | Safety glasses with side-shields recommended. |
| OTHER PROTECTIVE EQUIPMENT (Specify): | Wear clothing adequate to protect against exposure. Ensure eye-wash station and emergency shower are available. |

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Wash thoroughly after handling. Avoid contact with eyes, skin or clothing. No specific storage requirements.

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

Use appropriate safety equipment. Scoop up excess material. Collect uncontaminated material for repackaging. Collect contaminated material in approved containers for disposal. Wipe up remaining spill with absorbent compound to prevent slipping hazard.

WASTE DISPOSAL METHOD

Dispose in accordance with federal, provincial and local regulations. This material can be land filled in most areas; check with local operator. It is the responsibility of the end-user to determine if material meets the criteria of hazardous waste at the time of disposal.

SECTION IX: PREPARATION

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

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| DATE ISSUED: | December 19, 2005 | BY: | Product safety committee |
| SUPERSEDES: | March 31, 2003 | PHONE: | 780-440-4923 |