

SECTION I: IDENTIFICATION OF PRODUCT

COMPANY: **Diversity Technologies Corp.** DATE: **May 6, 2015**
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PRODUCT NAME: **CHEM CLEAN GREEN**

PRODUCT USE: Industrial Cleaner/Degreaser
 CHEMICAL FAMILY: Surfactant blend 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 applicable
 TDG CLASSIFICATION: Not applicable
 UN NUMBER (PIN): Not applicable
 PACKING GROUP: Not applicable

SECTION II: HAZARDOUS INGREDIENTS

INGREDIENT	% (w/w)	CAS NUMBER	LD ₅₀ Oral-Rat	LC ₅₀ Inhal-Rat	ACGIH-TLV
Glycol ether DB	5 - 10	5131-66-8	2.83 mL/kg	Not available	Not established
Aminocarboxylate	***	***	3030 mg/kg	Not available	Not established
Oxygenated alkyl	***	***	>412 mg/kg	1.06 mg/L/4hr	Not available
Alkyl sulfonyl	***	***	438 mg/kg	Not available	Not available

***HMIRA Confidential Business Information Registry Number 9333 **granted April 27, 2015.**

SECTION III: HEALTH HAZARDS

ROUTE OF ENTRY: EYE CONTACT SKIN CONTACT INHALATION INGESTION
 EYE CONTACT: May cause severe irritation with corneal injury which may result in permanent impairment of vision, even blindness. Chemical burns may occur.
 SKIN CONTACT: May cause moderate irritation on contact. Prolonged or repeated contact with this product tends to remove skin oils possibly leading to irritation and dermatitis. **Glycol ether DB Dermal LD₅₀ (rat) = 3.56 mL/kg.**

SPECIAL FIRE FIGHTING PROCEDURES:

Self-contained breathing apparatus required for fire-fighting personnel. Remove containers from fire area, or cool with water spray, if possible.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None known.

HAZARDOUS COMBUSTION PRODUCTS:

May include oxides of carbon, oxides of nitrogen, oxides of sulphur, hydrogen cyanide and other toxic gases.

SECTION VII: REACTIVITY DATA

STABILITY:

STABLE UNSTABLE

INCOMPATIBILITY (CONDITIONS TO AVOID):

Strong oxidizers. Avoid contact with aluminum, copper, copper alloys.

CONDITIONS OF REACTIVITY:

Not available.

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of carbon, oxides of nitrogen, oxides of sulphur.

HAZARDOUS POLYMERIZATION:

WILL NOT OCCUR MAY OCCUR

SECTION VIII: PREVENTIVE MEASURES

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

In absence of proper ventilation recommend approved organic vapour-type respirator. For high vapour concentrations SCBA may be required.

VENTILATION:

Not required unless product is heated or misted in an enclosed area.

PROTECTIVE GLOVES:

Viton gloves recommended

EYE PROTECTION:

Recommend chemical goggles and/or face shield be worn when handling. Do not wear contact lenses when handling this material.

OTHER PROTECTIVE EQUIPMENT (SPECIFY):

Suggest rubber apron. Ensure eye wash station and safety shower available.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Minimize breathing vapour or mist. Wear suitable protective clothing to prevent contact. Remove contaminated clothing; launder or dry-clean before reuse. Remove contaminated shoes and discard or thoroughly clean before reuse. Cleanse skin thoroughly after contact, before breaks and meals, and at end of work period. Keep container closed when not in use. Store in cool and dry location away from incompatible and ignition sources. Empty packages contain residual hazardous material; handle and store as if full.

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

Eliminate sources of ignition. Use suitable safety equipment including respiratory protection equipment. Stop leak if possible to do so without risk. Small spills: Soak up with absorbent material; collect contaminated absorbent in approved containers for disposal; flush spill area with water. Large spills: Dike to prevent spread of material; collect uncontaminated material for repackaging; collect contaminated material in approved containers for disposal; treat remaining material as a small spill.

WASTE DISPOSAL METHOD

Dispose in accordance with local, provincial and federal 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 rinsed and purged, contain residual hazardous material and must be disposed of or recycled in accordance with local regulations.

SECTION IX: PREPARATION

The information contains herein is given in good faith, but no warranty, expressed or implied, is made.

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