


SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER: **CHEM CLEAN GREEN**
 OTHER MEANS OF IDENTIFICATION: **None**
 RECOMMENDED USE: **Industrial Cleaner/Degreaser**
 RESTRICTIONS ON USE: **None known**
 SUPPLIER IDENTIFIER: **Prairie Mud Service**
738 6th Street, Estevan, SK S4A 1A4
(306) 634-3411
 EMERGENCY PHONE NUMBER 24 hr: **1-888-CANUTEC (226-8832), 613-996-6666 or *666 on a cellular phone**

SECTION 2: HAZARD IDENTIFICATION

CLASSIFICATION: **Serious eye damage / eye irritation – Category 1**
Skin corrosion / irritation – Category 2

LABEL SYMBOLS: 

SIGNAL WORD: **DANGER**

CLASSIFICATION INFORMATION: **Causes serious eye damage.**
Causes skin irritation.
Wear protective gloves/protective clothing/eye protection/face protection.
Wash contacted area thoroughly after handling.

PRECAUTIONARY STATEMENTS: **Take off contaminated clothing and wash before reuse.**
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.
IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical attention.

OTHER HAZARDS: **None known.**

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	CONCENTRATION
Glycol ether DB	5131-66-8	7% w/w
Aminocarboxylate	***	***
Oxygenated alkyl	***	***
Alkyl sulfonyl	***	***

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

SECTION 4: FIRST AID MEASURES

SKIN CONTACT: **Remove contaminated clothing and wash contacted area thoroughly with water and soap. If irritation occurs and persists, obtain medical attention.**

EYE CONTACT: **Immediately flush with gently flowing warm water for minimum 30 minutes. Hold eyelids open to ensure thorough flushing. Obtain medical attention when flushing is complete and no further irritation is felt.**

INGESTION: **Do not induce vomiting. Rinse mouth with water. If vomiting occurs, keep head below hips to prevent vomitus being aspirated into lungs. Obtain medical attention immediately. Never give anything by mouth if victim is unconscious, rapidly losing consciousness or convulsing.**

INHALATION:	Move to fresh air. If victim is not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. If breathing difficulties or distress continues obtain medical attention.
MOST IMPORTANT SYMPTOMS / EFFECTS:	Causes serious eye damage / eye irritation.
IMMEDIATE MEDICAL ATTENTION / SPECIAL TREATMENT:	Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:	Use media appropriate for packaging and surrounding materials.
UNSUITABLE EXTINGUISHING MEDIA:	None.
SPECIFIC FIRE HAZARDS:	Not available.
HAZARDOUS COMBUSTION PRODUCTS:	May include oxides of carbon, oxides of nitrogen, oxides of sulfur, hydrogen cyanide and other toxic gases.
SPECIAL PROTECTIVE EQUIPMENT & PRECAUTIONS:	Self-contained breathing apparatus required for fire-fighting personnel.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Eliminate sources of ignition. Use suitable safety equipment. Evacuate nonessential personnel. Stop leak if possible to do so without risk. Dike to prevent spilled material from entering storm sewers and/or natural waterways.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

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; use vacuum to collect spilled material: Collect uncontaminated material for repackaging; collect contaminated material in approved containers for disposal; treat remaining material as a small spill.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

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.

CONDITIONS FOR SAFE STORAGE & INCOMPATIBILITIES

Store in cool and dry location away from incompatible and ignition sources. Empty packages contain residual hazardous material; handle and store as if full.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS:	Not established for product or component ingredients.
ENGINEERING CONTROLS:	Use only with adequate ventilation. Use process enclosure, local exhaust ventilation or other engineering controls to keep worker exposure below limits.
	PERSONAL PROTECTIVE MEASURES
RESPIRATORY PROTECTION:	Use a properly fitted organic vapour filter respirator complying with an approved standard if airborne concentrations exceeds TLV or if a risk assessment indicates this is necessary.
PROTECTIVE GLOVES:	Rubber gauntlets recommended.
EYE PROTECTION:	Wear tight fitting chemical goggles. Do not wear contact lenses.
OTHER PROTECTIVE EQUIPMENT (SPECIFY):	Protective clothing as required to prevent contact. Ensure eye-wash station and emergency shower are available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Clear amber liquid
ODOUR:	Mild detergent odour
ODOUR THRESHOLD:	Not available
pH:	11 – 12
MELTING POINT / FREEZING POINT:	Not available
BOILING POINT / RANGE:	Not available
FLASH POINT:	Not available
EVAPORATION RATE:	Not available
FLAMMABILITY:	Not available
FLAMMABILITY / EXPLOSIVE LIMITS:	Not available
VAPOUR PRESSURE:	Not available
VAPOUR DENSITY:	Not available
RELATIVE DENSITY:	0.95 – 1.15
SOLUBILITY:	Miscible with water
PARTION COEFFICIENT:	Not available
AUTO-IGNITION TEMPERATURE:	Not applicable
DECOMPOSITION TEMPERATURE:	Not available
VISCOSITY:	Not available

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY:	No known hazards.
CHEMICAL STABILITY:	Stable.
POSSIBILITY OF HAZARDOUS REACTIONS:	None under normal conditions of use.
CONDITIONS TO AVOID:	Not available.
INCOMPATIBLE MATERIALS:	Avoid strong oxidizers, strong acids and water reactive materials.
HAZARDOUS DECOMPOSITION PRODUCTS:	Not available.

SECTION 11: TOXICOLOGICAL INFORMATION

PRODUCT TOXICITY: LD50 (oral) = 2740 mg/kg (calculated).

INGREDIENT	COMPONENT TOXICITY		
	LD50 (oral)	LD50 (dermal)	LC50 (inhal)
Glycol ether DB	2.83 mL/kg (rat)	3.56 mL/kg (rat)	Not available
Aminocarboxylate	3030 mg/kg (rat)	Not available	Not available
Oxygenated alkyl	>412 mg/kg (rat)	>14,000 mg/kg (rat)	1.06 mg/L/4hr (rat)
Alkyl sulonyl	438 mg/kg (rat)	Not available	Not available

SKIN CONTACT:	May cause mild to moderate irritation on contact. Prolonged or repeated contact tends to remove skin oils possibly leading to irritation and dermatitis.
EYE CONTACT:	May cause severe irritation. Prolonged contact may produce corneal injury which may result in permanent impairment of vision. Prompt access to eye wash station is required.
INGESTION:	Although low in toxicity, ingestion can be harmful. May cause nausea, vomiting, stomach ache and diarrhea. Ulceration is possible.
INHALATION:	Inhalation of vapours or mists may irritate the upper respiratory tract and result in headache or dizziness. May cause lung damage. Aspiration into the lungs may occur during ingestion or vomiting resulting in lung injury.



CARCINOGENICITY:	Not listed by NTP, IARC, OSHA or ACGIH.
TERATOGENICITY:	No information available.
REPRODUCTIVE TOXICITY:	No information available.
MUTAGENICITY:	No information available.
CHRONIC TOXICITY:	No information available.
TARGET ORGAN EFFECTS:	Not available.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY:	Not available
PERSISTENCE AND DEGRADABILITY:	Not available
BIOACCUMULATIVE POTENTIAL:	Not available
MOBILITY IN SOIL:	Not available
OTHER ADVERSE EFFECTS:	None know.

SECTION 13: DISPOSAL CONSIDERATIONS

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

SECTION 14: TRANSPORTATION INFORMATION

TDG	Not regulated
DOT	Not regulated
IATA	Not regulated
IMDG	Not regulated
UN NUMBER:	Not applicable
PROPER SHIPPING NAME:	Not applicable
CLASS:	Not applicable
PACKING GROUP:	Not applicable
IMDG HAZARDS:	Not a marine pollutant
BULK TRANSPORT:	Not regulated
SPECIAL PRECAUTIONS:	None

SECTION 15: REGULATORY INFORMATION

DSL:	All ingredients are on, or exempt from, the list.
WHMIS CLASS:	D2B
TSCA:	All ingredients are on, or exempt from, the list.

SECTION 16: OTHER INFORMATION

REVISION DATE:	April 17, 2017
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