

CHEM INTERNATIONAL

MATERIAL SAFETY DATA SHEET

EMERGENCY #: CANUTEC (613) 996-6666

PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

PRODUCT NAME: Revolution Green Cleaner-Degreaser **EFFECTIVE DATE:** January 8, 2009
WHMIS CLASS: D2B
T.D.G. CLASSIFICATION: Not Regulated **UN:** **PG:**
MATERIAL USE:

HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%WT/WT	CAS NO.	TOXICITY DATA (LD₅₀ & LC₅₀)
Diethylene Glycol Monoethyl Ether	3-7	111-90-0	LD ₅₀ Oral (rat) 5500 mg/kg

PHYSICAL DATA

PHYSICAL STATE: Liquid **SP. GRAVITY:** 1.011 **pH:** 10.1
BOILING POINT: Not Avail. **VAPOUR PRESSURE:** Not Avail.
VAPOUR DENSITY: Not Avail. **EVAPORATION RATE:** Not Avail.
FREEZING POINT: Not Avail.
SOLUBILITY IN WATER: 100%
APPEARANCE & ODOUR: Yellow odourless liquid.

FIRE AND EXPLOSION DATA

FLASH POINT (TEST METHOD): Non-flammable
FLAMMABLE LIMITS IN AIR, % BY VOL. **LOWER:** N/A **UPPER:** N/A
FIRE EXTINGUISHING SUBSTANCES: (X) Water Fog (X) Foam (X) CO₂ (X) Dry Chem () Other:
HAZARDOUS COMBUSTION PRODUCTS: Will produce carbon oxides.
SPECIAL FIREFIGHTING PROCEDURES: As for surrounding fire.

REACTIVITY DATA

INCOMPATIBILITY: () Water (X) Oxidizing Material () Acid () Base () Other:
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, Carbon dioxide at elevated temperatures.
CHEMICAL STABILITY: Stable.

FIRST AID

INHALATION: N/A.
INGESTION: Do not induce vomiting. Drink large quantities of milk or water. Get medical attention.
EYES: Rinse with plenty of water for 15 minutes.
SKIN: Rinse with water.

TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: Eyes contact (), Skin contact (), Skin absorption (), Inhalation (), Ingestion ()

EFFECTS OF ACUTE EXPOSURE:

INHALATION: No effect.

INGESTION: May cause nausea, vomiting and diarrhea.

EYES: Causes temporary irritation, discomfort and redness.

SKIN: Prolonged contact may cause discomfort and defatting of tissue.

EFFECTS OF CHRONIC EXPOSURE:

SKIN:
IRRITANCY:
SENSITIZATION:
CARCINOGENICITY:
REPRODUCTIVE TOXIN:
TERATOGENICITY:
MUTAGENICITY:
SYNERGISTIC MATERIALS:
EXPOSURE LIMITS:

PREVENTATIVE MEASURES

STEPS TO BE TAKEN UPON RELEASE OR SPILLAGE (INCLUDING NEUTRALIZING): For larger spills, contain and pick-up. For small spills, wash area with water.

WASTE DISPOSAL METHOD: Dispose in accordance with federal, provincial and local regulations.

HANDLING AND STORAGE REQUIREMENTS: Store in cool, well ventilated, area away from strong oxidizers. Keep container closed when not in use.

VENTILATION REQUIREMENTS (LOCAL OR GENERAL): General ventilation is sufficient.

RESPIRATORY PROTECTION: Not normally necessary.

EYE PROTECTION: Not normally necessary. Safety glasses may be worn.

OTHER PROTECTION: Rubber gloves should be worn for prolonged contact.

WASTE DISPOSAL: Review federal, provincial and local government requirements prior to disposal.

N/AP= NOT APPLICABLE · N/E=NOT ESTABLISHED · N/D=NOT DETERMINED · N/AV=NOT AVAILABLE
 <=LESS THAN - >=MORE THAN

HMIS HAZARD RATING INFORMATION

FIRE	REACTIVITY	HEALTH	PERSONAL PROTECTION
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0 – Minimal, 1- Slight, 2 – Moderate, 3 – Serious, 4 – Extreme.

DISCLAIMER: Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases, data is not available and is so stated. Since conditions of actual product use are beyond the control of the supplier, it is assumed that the user of this material has been fully trained according to the mandatory requirements of WHIMIS. No warranty, expressed or implied is made, and supplier will not be liable for any losses, injuries, or consequential damage that may result from the use or reliance on any information contained in this form.

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