

MATERIAL SAFETY DATA SHEET

SECTION I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name	Product Use:	Formula Index:
GreZ-Off®	Heavy Duty Degreaser	02
Manufacturer and US Supplier's Name	Canadian Supplier's Name	
Spray Nine Corporation	Spray Nine Canada Ltd.	
Address (Number, Street, City, State, and ZIP Code)	Address (Number, Street, City, State, and ZIP Code)	
251 N. Comrie Avenue	PO Box 35092	
Johnstown, NY 12095	London, Ontario N5W 5Z6	
Emergency Telephone Number	Emergency Telephone Number	
1-800-477-7299 Chemtrec #1-800-424-9300	Canutec #1-613-996-6666	
Telephone Number for Information		
518-762-4591 or Fax # 518-762-2566		
Signature of Preparer(optional)	Date Prepared	
Michael L. Pozefsky	August 27, 2002	

HMIS Rating: HEALTH- 2 FLAMMABILITY- 0 REACTIVITY- 0 PERSONAL PROTECTION- B**NFPA Rating: HEALTH- 2 FLAMMABILITY- 0 REACTIVITY- 0****WHMIS Rating: D-2B IRRITANT, B3- COMBUSTIBLE****SECTION II. HAZARDOUS INGREDIENT INFORMATION (Per 29 CFR 1910.1200)**

Component	CAS Registry #	wt. %	Exposure Limits	
			ACGIH TLV	OSHA PEL
Sodium metasilicate	6834-92-0	1-5%	Not Est.	Not Est.
Sodium gluconate	527-07-1	1-5%	10 mg/m ³	15 mg/m ³
Nonyl phenol polyethoxylate	9016-45-9	1-5%	Not Est.	Not Est.
Lauryl dimethylamine oxide	1643-20-5	1-5%	Not Est.	Not Est.
2-Butoxyethanol	111-76-2	3-7%	25 ppm	50 ppm

SECTION III. HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW**

Transparent orange liquid. Citrus odor. Causes moderate to severe eye irritation. May cause eye burns. Prolonged or repeated use will cause mild to moderate skin irritation. Vapor or mist may be harmful or cause irritation. May be harmful if swallowed.

POTENTIAL HEALTH EFFECTS:

EYE CONTACT: Causes moderate to severe irritation. May cause burns.

SKIN CONTACT: Prolonged or repeated use will cause mild to moderate irritation.

INHALATION: Vapor or mist may be harmful or cause irritation.

INGESTION: May cause irritation of the digestive tract.

MEDICAL CONDITION AGGRAVATED BY EXPOSURE: None known. Persons with pre-existing medical conditions or sensitivity may be more susceptible to the effects of exposure.

CHRONIC EFFECTS: None known.

SECTION IV. FIRST AID MEASURES

EYE CONTACT: Flush immediately with water for 15 minutes. If contact lenses are worn, remove immediately as they may contribute to the severity of the injury. Contact physician.

SKIN CONTACT: Flush with water for 15 minutes. Contact physician if irritation persists.

INHALATION: Remove to fresh air. If symptoms persist, contact physician immediately.

INGESTION: Do not induce vomiting. Drink plenty of water. Contact physician.

NOTE TO PHYSICIAN: Treat patient symptomatically.

SECTION V. FIRE FIGHTING MEASURES**FLAMMABLE PROPERTIES:**

FLASH POINT: 176° F/80°C

METHOD USED: TCC

FLAMMABLE LIMITS

LFL: Unknown

UFL: Unknown

EXTINGUISHING MEDIA: Alcohol-type or all-purpose-type foam for large fires. Use carbon dioxide or dry chemical media for small fires.**FIRE & EXPLOSION HAZARDS:** None known. Product was tested in accordance with ASTM D4206 and did not sustain combustion.**FIRE FIGHTING INSTRUCTIONS:** Wear protective clothing and respiratory protection. Water may be used to cool fire exposed containers.**FIRE FIGHTING EQUIPMENT:** None known.**SENSITIVITY TO MECHANICAL IMPACT:** No sensitivity known.**SENSITIVITY TO STATIC DISCHARGE:** No sensitivity known.**SECTION VI. ACCIDENTAL RELEASE MEASURES**

Wear suitable protective clothing. Where possible, salvage product and use for cleaning or use absorbent material to soak up spill. Thoroughly rinse area with water.

SECTION VII. HANDLING AND STORAGE

Keep container closed when not in use. Avoid freezing or excessive heat. Keep out of reach of children.

SECTION VIII. PERSONAL PROTECTION / EXPOSURE CONTROLS**EYE PROTECTION:** The use of safety glasses is recommended.**SKIN PROTECTION:** The use of chemical resistant gloves is recommended for prolonged use.**RESPIRATORY PROTECTION:** Not required under normal conditions of use.**ENGINEERING CONTROLS:** None known.**EXPOSURE GUIDELINE (S):** Use only in a well ventilated area.**SECTION IX. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE:	Transparent, Orange	PHYSICAL STATE:	Liquid
BOILING POINT:	~212° F/~100°C	SOLUBILITY IN WATER:	Complete
EVAPORATION RATE:	Unknown	SPECIFIC GRAVITY:	~1.032 g/ml
FREEZING POINT:	~32° F/~0°C	VAPOR DENSITY:	Unknown
MELTING POINT:	Not applicable	VAPOR PRESSURE:	~18mm
MOLECULAR WEIGHT:	Not applicable	VISCOSITY:	Not applicable
ODOR:	Citrus	% VOLATILE:	~90%
pH:	~12.8		

SECTION X. STABILITY AND REACTIVITY**CHEMICAL STABILITY:** Stable**INCOMPATIBILITY:** Strong oxidizing agents.**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide, carbon dioxide, sodium oxides, hydrogen gas and nitrogen oxides.**HAZARDOUS POLYMERIZATION:** Will not occur.**SECTION XI. TOXICOLOGICAL INFORMATION****EYE:** Not available**SKIN:** Not available**INHALATION:** Not available**INGESTION:** Not available**SUBCHRONIC:** Not available**CHRONIC / CARCINOGENICITY:** Not available. Contains no known carcinogens.**TERATOLOGY:** Not available**REPRODUCTION:** Not available**MUTAGENICITY:** Not available**SENSITIZATION:** Not available

SECTION XII. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Not available

DISTRIBUTION: Not available

CHEMICAL FATE INFORMATION: Not available

SECTION XIII. DISPOSAL CONSIDERATIONS

Dispose of in accordance with federal, state, and local regulations.

SECTION XIV. TRANSPORT INFORMATION (Not meant to be all inclusive)

D.O.T. SHIPPING NAME: Not regulated. (Does not sustain combustion.)

CANADIAN TDG SHIPPING NAME: Not regulated.

TECHNICAL SHIPPING NAME: Not applicable

D.O.T. HAZARD CLASS: Not applicable

U.N. / N.A. NUMBER: Not applicable

PRODUCT RQ (LBS): Not applicable

D.O.T. LABEL: Not applicable

D.O.T. PLACARD: Not applicable

FREIGHT CLASS BULK: Not applicable

FREIGHT CLASS PACKAGE: Not applicable

PRODUCT LABEL: Not applicable

SECTION XV. REGULATORY INFORMATION (Not meant to be all inclusive - selected regulation represented)

TSCA STATUS: All ingredients in this product are either on the inventory or are exempt from being listed.

CERCLA REPORTABLE QUANTITY: This product contains 2-Butoxyethanol which, despite being part of a broad chemical category (Glycol Ethers) on the CERCLA hazardous substance list, does not itself have a reportable quantity.

SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES : None

SECTION 311/312 HAZARDOUS CATEGORIES : Acute hazard

SECTION 313 TOXIC CHEMICALS : This product contains 3-7% of 2-Butoxyethanol (111-76-2) which is part of a chemical category (Glycol Ethers); therefore, reporting may be required under Section 313.

RCRA STATUS: Not applicable

CALIFORNIA PROPOSITION 65: This product is not subject to the reporting requirements under California Proposition 65.

SECTION XVI. OTHER INFORMATION

MSDS STATUS: Disclaimer: The information contained herein is based on data we believe to be reliable as of the date of preparation of this Material Safety Data Sheet. The accuracy and completeness of such data are not warranted or guaranteed. We cannot anticipate all conditions under which this information and our products, or the products of other manufacturers in combination with our products may be used. We assume no liability or responsibility for loss or damage resulting from the improper or abnormal use or handling of our products, from incompatible product combinations, from the failure to follow instructions and warnings in the product's label and Material Safety Data Sheet, or from any failure to adhere to recommended practices.