



MATERIAL SAFETY DATA SHEET - GREASE GONE

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TDG Classification
N/A

Product Identification

Product Name: **GREASE GONE**

WHIMS Classification **D2B**

Hazardous Ingredients

Chemical Identity	CAS#/UN#	CONC.(WT.)	Toxic (LD50/LC50)
Ethylene Glycol	111-76-2	5-10%	LD50 ORAL: RAT 460mg/kg
Monobutyl Ether			LC50INL: RAT 700 ppm/7hrs
Nonylphenoxypoly	9016-45-9	1-5%	LD50 ORAL: RAT
Ethyleneoxyethanol			2590mg/kg
Sodium Metasilicate	6834-92-0	1-5%	LD50: ORAL RAT 1153mg/kg
			LC50: N/D

Physical Properties (Approximate Values)

Physical State:	Liquid
Appearance and Odour	Purple Liquid, Solvent Odour
Odour Threshold	Not Available
Boiling Point:(C)	100C
Melt/Freezing Point:(C)	Not Available
Vapour Pressure:(20C)	.00001
Vapour Density:	Not Available
Specific Gravity:(20C)	1.05
Evaporation Rate:	Not Available
Solubility Rate:(20C)	100% in Water
Ph (1%)	11.9

Fire and Explosive Data

Conditions of Flammability:	Requires a Source of Ignition
Means of Extinction:	C02, Halones, Foam or Water
Flash Point (TCC)	Not Available



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Fire and Explosive Data - Continued

Upper Flammable Limit: (% In Air)	Not Available
Lower Flammable Limit: (% In Air)	Not Available
Auto-Ignition Temperature:	Not Available
Hazardous Combustion Products:	Carbon Dioxide, Toxic Gases
Explosion Data-Sensitivity To Impact:	Not Available
Explosion Data-Sensitivity To Static:	Not Available
Special Fire Fighting Procedure:	None

Reactivity Data

Chemical Stability	Stable under normal conditions
Materials to Avoid	Strong Oxidizers, Acids
Hazardous Polymerization	Not Available
Hazardous Decomposition	Carbon Dioxide

Toxicological Properties

Effects of Acute Exposure:

Route of Entry:

Skin Contact:	Corrosive, may cause irritation redness, cracking and drying
Skin Absorption:	Not Available
Eyes:	Corrosive, may cause irritation tearing and burning
Inhalation:	If misted, causes irritation of mucous membrane. High levels may cause headache and nausea.
Ingestion:	If swallowed, causes irritation of mucous membrane. High levels may cause headache and nausea

Effects of Chronic Exposure:

Skin Contact:	Irritation, dryness and cracking
Skin Absorption:	Not Available
Inhalation:	Not Available
Exposure Limits:	Not Available
Irritancy of Product:	
Skin:	Irritating
Eye:	Irritating
Sensitization To Material:	No evidence to indicate sensitizer
Carcinogenicity:	Not Available
Mutagenicity:	Not Available
Teratogenicity:	Not Available
Toxicological Synergistic Products	Not Available



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Preventative Measures

Personal Protective Equipment:	Chemical resistant protective clothing and gloves (PVC) Neoprene
Engineering Controls: Handling Spills or Leaks:	Adequate ventilation Cover small spills with absorbent material (sawdust, sand). For large spills, dike if necessary to prevent material entering sewer or drains. Dilute with water if possible. Use absorbent material. Transfer to waste container.
Waste Disposal:	Dispose in land fill or incinerate in accordance with local, provincial and federal regulations.
Handling Procedures and Equipment:	Avoid prolonged or frequent contact. Avoid breathing mist or vapours. Use personal protective equipment where required.
Storage and Handling:	Keep separate from food stuff. Store in totally closed equipment.
Special Shipping Information:	Keep separate from food stuff. Properly classified, described and marked to conform to the TDG Regulations.

First Aid Measures

Skin Contact:	Remove contaminated clothing. Wipe off mechanically and wash affected areas thoroughly with soap and water.
Eye Contact:	Rinse carefully and thoroughly with water for 15 minutes and seek medical attention:



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Inhalation:	Remove to fresh air. If not breathing, give mouth to mouth respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion:	Do not induce vomiting if unconscious. If conscious, give large volume of milk or water. Call physician immediately.

Prepared by the technical services department.

Date: October 31, 2002

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