

MATERIAL SAFETY DATA SHEET

Gloves Off™ Tough Stain & Paint Remover

SECTION I: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Gloves Off Tough Stain & Paint Remover™

**MANUFACTURER:** Siamons International

**ADDRESS:** 36 Meteor Drive  
Toronto, Ontario, Canada  
M9W 1A4.

**EMERGENCY :** 416 213 0219

SECTION II: INFORMATION ON INGREDIENTS

Ingredients	CAS#	Wt%	OSHA-TWA	ACGIH-TWA	LD <sub>50</sub>
Alcohol ethoxylate	68991-48-0	1.0-5.0 %	N/A	N/A	>2,000 mg/Kg(oral/rat)
Propylene glycol n-propyl ether	1569-01-3	1.0-5.0 %	N/A	N/A	2,504 mg/Kg (oral/Rat)

SECTION III: HAZARDOUS IDENTIFICATION

**Route of Entry:** Eye, skin contact, ingestion.

**Potential Health Effects:**

**Eye Contact:** May cause slight irritation to eyes  
**Skin Contact:** May cause slight irritation upon repeated/ prolonged contact.  
**Inhalation:** May cause slight nose, throat and respiratory tract irritation  
**Ingestion:** May cause slight irritation to mouth, esophagus and stomach. May cause gastric tract upset and/or damage.

**Chronic Effects:**

**Carcinogenicity:** No ingredients listed IARC or NTP or ACGIC. Non hazardous by WHIMIS/OSHA criteria.

**Teratogenicity, Mutagenicity,** The ingredients in this product were found not to be mutagenic when tested by the Ames Assay, ( OECD Guidelines for chemical testing, sec.471)

**Reproductive Effects:**

**Skin:** Repeated or prolonged exposures can cause drying, defatting and dermatitis if sensitive.

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**SECTION IV: FIRST AID MEASURES**

<b>Eye Contact:</b>	Immediately flush with water for 15 minutes. Holding eyelids open during flushing. If irritation persists, repeat flushing and obtain medical attention immediately.
<b>Skin Contact :</b>	Flush with water. Seek medical attention if irritation persists. Remove contaminated clothing and launder before reuse.
<b>Inhalation:</b>	Move victim to fresh air. If conscious, have victim take deep, slow breaths. Seek medical attention if symptoms persist.
<b>Ingestion:</b>	DO NOT INDUCE VOMITING. Rinse mouth with water, then drink one glass of water. Seek medical attention. Do not give anything to victim if unconscious or convulsing.

**SECTION V: FIRE FIGHTING MEASURES**

<b>Flammability:</b>	Non flammable
<b>Flash Point deg (C,TCC) :</b>	N/A
<b>Means of Extinction:</b>	As appropriate for surrounding fire. Use water, dry chemical, carbon dioxide or foam.
<b>Special Fire Hazards:</b>	Fire fighters should wear self contained breathing apparatus as for surrounding fire.
<b>Auto ignition temperature:</b>	N/A
<b>Flame propagation or burning rate of solid:</b>	N/A
<b>Sensitivity to static discharge:</b>	N/A
<b>Unusual Fire and Explosion Hazards.</b>	None expected. As per surrounding fire.
<b>Hazardous decomposition products:</b>	Oxides of carbon, oxides of nitrogen.

**SECTION VI: ACCIDENTAL RELEASE MEASURES**

<b>Leak and Spill Procedures:</b>	Before attempting clean up, refer to the hazard data provided above. Small spills may be absorbed with non reactive absorbent and placed in suitable, covered, labeled container. For large quantities, dispose of in accordance with local, provincial/ state or federal regulations. For large spills prevent from entering sewers and waterways. For large spills provide diking to prevent spreading.
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**SECTION VII: HANDLING AND STORAGE**

<b>Storage Requirements:</b>	KEEP OUT OF REACH OF CHILDREN. Store in a closed container away from incompatible materials which include acids, alkalies, reducing materials, reducing sugars and Ammonia Salts. Storage temperature C Ambient to 35 C ( must be stored above 0 C at all times) Transport temperature C Ambient to 35 C (must be stored above 0 C at all times.) Keep container closed. Handle and open container with care. Store in a well ventilated place away from incompatible materials. Do not store near open flame. Do not reuse empty containers.
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**SECTION VIII: EXPOSURE CONTROL/PERSONAL PROTECTION**

**Gloves:** Not normally required. Use impervious gloves for protection of sensitive skin or for prolonged exposure.  
**Eye Protection:** Not normally required, if eye contact is possible chemical splash goggles are recommended.  
**Respiratory Protection:** Not normally required if good ventilation is maintained  
**Other Protective Equipment:** As required by employer code. Eye bath, safety shower, protective clothing.  
**Engineering Controls:** General ventilation normally required

**SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES**

<b>Boiling Point ( deg C)</b>	100	<b>Specific Gravity (H<sub>2</sub>O = 1):</b>	1.00-1.02	<b>Evaporation Rate (water=1):</b>	similar
<b>% Volatile (Wt%):</b>	> 80 %	<b>Solubility in water:</b>	Complete	<b>pH (as supplied):</b>	9.8
<b>Physical State:</b>	Liquid	<b>Viscosity:</b>	Water like		
<b>Appearance / Odour:</b>	Transparent clear solution with typical odour				

**SECTION X: STABILITY AND REACTIVITY**

**Conditions for Chemical Instability:** Stable under normal conditions. Excessive heat or contamination could cause decomposition.  
**Incompatible Materials:** Reducing agents, strong acids, strong caustics, iron and other metals.  
**Hazardous Decomposition Products:** Oxides of carbon, Oxides of Nitrogen when heated.

**SECTION XI: TOXICOLOGICAL INFORMATION**

LD 50 values for individual components see section II  
 Skin Sensitization (OECD Sec. 406) Non sensitizing.

**SECTION XII: ECOLOGICAL INFORMATION**

**Biodegradability:** Surfactants and Propylene glycol n-propyl ether are biodegradable as per Ready Biodegradability Closed bottle test (OECD 301 D, also known as the US EPA OPPTS 835.3100 ( Fate, Transport and Transformation Test Guidelines.). This formulation based on review of individual components would be expected to be readily biodegradable.

Ecotoxicity Alcohol ethoxylate  
 96 hour LC0> 1,000 mg/L (rainbow trout)  
 48 hour LC50 > 1,000 ml/L (ceriodaphnia dubia),  
 Ecotoxicity of Propylene glycol n-propyl ether. This material is expected to be non hazardous to aquatic species.

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**SECTION XIII: DISPOSAL CONSIDERATIONS**

Dispose of in accordance to all local, provincial/state and federal regulations.

**SECTION XIV: TRANSPORTATION**

T.D.G. Classification: Not regulated  
D.O.T. Classification: Not regulated

**SECTION XV: REGULATORY INFORMATION**

**Occupational Health and Safety**

**Regulations:**

**WHMIS Class:**

Class D Division 2B

**OSHA & WHMIS:**

MSDS prepared pursuant to the Hazard Communication Standard (CFR29.1920.1200) and Canadian WHMIS regulations

**Environmental Regulatory Lists:**

**SARA – Section 313 (Toxic Chemical Release Reporting) 40 CFR 372**

None of these ingredients are listed.

**CERCLA – Section 102 (Reportable Quantity) 40 CFR 302**

None of the ingredients are listed

**RCRA 40 CFR 261 (Subpart D)**

None of the ingredients are listed

**CLEAN WATER ACT – Section 311 ( Reportable Qty) 40 CFR 116:**

None of these ingredients are listed

**CLEAN AIR ACT – Section 312 ( List of Hazardous Pollutants) 40 CFR 63 (Subpart C)**

None of these ingredients are listed

**National Pollutant Release Inventory Toxic Substances Control Act (TSCA)**

None of these ingredients are listed

All ingredients are registered on the Chemical Substances Inventory.

**Canadian Domestic Substance List (DSL):**

All ingredients are registered on the DSL

**SECTION XVI: OTHER INFORMATION**

<b>Date:</b> April 19, 2009	<b>Prepared By:</b> Technical Services Group	<b>Telephone:</b> 416 213 0219
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**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 supplier, it is assumed that users of this material; have been fully trained according to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries for consequential damages, which may result from the use or reliance on any information contained in this form. If user requires independent information on ingredients in this or other material, we recommend contact with the Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (905-572-4400) or CSST on Montreal, Quebec (514-873-3990).