

MATERIAL SAFETY DATA SHEET

DATE PREPARED: 3/1/2007

(Prepared According to 29 CFR 1910.1200)

CODE: 5285

SECTION 1 - PRODUCT IDENTIFICATION				
Distributor Custom Solutions	Emergency Phone 800-309-5869			
Address 900 E. 103rd Street, Chicago, IL 60628	Prepared By: LPL			
Trade Name GLIMMER	Product Type Glass Cleaner			
SECTION 2 - INGREDIENTS				
CHEMICAL NAME/COMMON NAME	CAS NO.	WT. %(opt)	TLV(Source)	TITLE III, SECT. 313
2-Butoxyethanol	111-76-2	1-10%	25ppm (TWA/PEL)(*skin)	Yes
Ethyl Alcohol	64-17-5	4-20%	1000ppm (TWA/PEL)	No
Methyl Alcohol	67-56-1	<1.0%	200ppm (TWA/PEL)	Yes
Deionized Water	7732-18-5	70-90%	None Established	No
Liquefied Petroleum Gas	68476-85-7	1-5%	1000ppm (TWA/PEL)	No
SECTION 3 - PHYSICAL DATA				
Boiling point (°F.) NA	Specific Gravity (H2O=1.0)	<1 ± 0.005	pH	NA
Vapor Pressure (mm Hg) 140psig@130	Vapor Density (Air=1) >1			
Solubility in water	<input checked="" type="checkbox"/> Complete	<input type="checkbox"/> Insoluble	<input type="checkbox"/> Emulsifiable (or Dispersible)	<input type="checkbox"/> Slight (or Partial)
Evaporation Rate (vs. H2O)	<input checked="" type="checkbox"/> Faster	<input type="checkbox"/> Slower	<input type="checkbox"/> About the Same	Appearance and Odor Wide hollow cone spray; semi-stable foam with floral odor
SECTION 4 - FIRE AND EXPLOSION HAZARD DATA				
Flash Point (T.C.C.) None (16CFR1500.45) °F.	<input type="checkbox"/> None to Boiling	Flammable Limits	Upper 9.2	Lower 1.8
Extinguishing Media	Carbon dioxide, foam and/or dry chemical may be used			
Special Firefighting Procedures	Containers should be cooled with water to prevent vapor pressure build up.			
Unusual Fire and Explosion Hazards	At elevated temperatures (over 54C-130F) containers may vent or burst.			
SECTION 5 - REACTIVITY DATA				
Stability Stable	Incompatibility Strong oxidizing agents, heat and open flame			
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide .			
SECTION 6 - HEALTH HAZARD DATA				
Primary Routes of Exposure	<input checked="" type="checkbox"/> Eye	<input checked="" type="checkbox"/> Skin	<input checked="" type="checkbox"/> Oral	<input checked="" type="checkbox"/> Inhalation <input type="checkbox"/> Other
Signs and Symptoms Of Overexposure (Acute)	Respiratory irritation. High concentrations may produce headache, dizziness, and nausea. Prolonged or repeated skin contact may lead to drying, irritation and dermatitis. Possible skin absorption. Eye contact may cause burning and irritation.			
Signs and Symptoms of Overexposure (Chronic)	This product contains 2-Butoxyethanol, which if digested in significant quantities may result in red blood cell hemolysis.			
Medical Conditions Aggravated by Overexposure	Pre-existing skin or eye disorders			
Carcinogen or Suspect Carcinogen Ingredients	<input type="checkbox"/> NTP	<input type="checkbox"/> IARC	<input type="checkbox"/> OSHA	<input checked="" type="checkbox"/> NONE
SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES				
Eyes	Flush eyes with plenty of water for 15 minutes while holding eyelids open. Get medical attention if irritation persists.			
Skin	Remove contaminated clothing. Flush skin with water, follow by washing with soap and water. If irritation persists, get medical attention.			
Ingestion	Do not induce vomiting. Contact local poison control center or physician immediately.			
Inhalation	Remove to fresh air. Start artificial respiration if necessary. Oxygen may be administered. Call a physician.			
SECTION 8 - SPECIAL PROTECTION INFORMATION				
Respiratory Protection	Not required under normal use conditions with good general ventilation. Protect against generated mists/sprayback.			
Ventilation Requirements	Normal	<input type="checkbox"/> Local Exhaust	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Other
Eye Protection	Safety Glasses/Goggles			
Protective Gloves Rubber/PVC	Other Protective Clothing Protective clothing appropriate to minimize contact during specific operations.			
SECTION 9 - SPILL OR LEAK PROCEDURES				
Steps To Be Taken If Released or	Remove all sources of ignition and ventilate area. Soak up spill with an inert absorbent and place into a designated disposal container.			
Waste Disposal Methods	When contents depleted, depress button until all gas is expelled. Dispose of container according to Federal, State and local regulations.			
SECTION 10 - STORAGE AND HANDLING INFORMATION				
Precautions to be Taken In Handling and Storage	Avoid breathing vapor. Keep away from heat and flame. Use with adequate ventilation. Do not puncture or incinerate containers. Do not expose to direct sunlight or store at temperatures above 130F (54C). Store as Level 1 Aerosol (NFPA 30B).			

The health hazards given on this Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure of the diluted product under conditions of ordinary use.

**HMS
HAZARD
RATING**

HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	A

0 - LEAST
1 - SLIGHT
2 - MODERATE
3 - HIGH
4 - EXTREME