

SUBSTANCE SAFETY DATA SHEET
(Prepared According to 29 CFR 1910.1200)

Date Prepared: 3/1/2007

Code: F105

SECTION 1 - PRODUCT IDENTIFICATION

Distributor: Custom Solutions	Emergency Phone: 800.309.5869
Address: 900 East 103rd Street, Chicago, IL 60628	Prepared By: LPL
Trade Name: Foodservice Glass Cleaner	Product Type: Ammoniated Glass Cleaner

SECTION 2 - INGREDIENTS

CHEMICAL NAME/COMMON NAME	CAS NO.	WT. %(opt)	TLV(Source)	TITLE III, SECT. 313
2-Butoxyethanol (Section 313 "Glycol Ether")	111-76-2	1-3%	25ppm(PEL;SKIN*)	Yes
Methanol (Section 313)	67-56-1	3-6%	200ppm(TWA);250ppm(STEL)	Yes
Ammonium Hydroxide	1336-21-6	<0.5%	25ppm (TWA); 35ppm (STEL)	Yes
Deionized Water	7732-18-5	>60%	None Established	No
Other ingredients present at less than 1% by weight.			None Established	No

SECTION 3 - PHYSICAL DATA

Boiling point (°F.)	212	Specific Gravity (H2O=1.0)	1.0 ± 0.005	pH	10.7 ± 0.5
Vapor Pressure (mm Hg)	Not Determined	Vapor Density (Air=1)	Not Determined		
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	Clear blue colored liquid with ammonia odor.

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.)	°F. <input checked="" type="checkbox"/> None to Boiling	Flammable Limits	N/A	Upper	Lower
Extinguishing Media	Product is noncombustible. Water Spray (Fog), Dry Chemical; CO2; or Foam may be used where product is stored.				
Special Firefighting Procedures	Do not enter confined fire-spaces without protective clothing and self-contained air supply.				
Unusual Fire and Explosion Hazards	None				

SECTION 5 - REACTIVITY DATA

Stability	Stable	Incompatibility	Strong acids/oxidizers. Do not mix with chlorinated detergents (bleach).
Hazardous Decomposition Products	Burning may produce oxides of carbon and other substances.		

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)	Prolonged or repeated exposure may cause eye and skin irritation. Generated mists may cause respiratory irritation. Ingestion may cause nausea, vomiting, mucosal irritation, intoxication and/or central nervous system depression. Methanol ingestion has been associated with metabolic acidosis, visual disturbances and blindness - symptoms may be delayed.				
Signs and Symptoms of Overexposure (Chronic)	Contains material which penetrates skin readily. Ingestion, prolonged or widespread contact may result in the absorption of potentially harmful amounts. Target organs include liver, kidneys, pancreas, heart, lungs and brain.				
Medical Conditions Aggravated by Overexposure	An existing dermatitis; respiratory 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 water for at least 15 minutes and call a physician immediately.
Skin	Wash affected areas with large amounts of soap and water. If irritation persists call physician.
Ingestion	Do NOT induce vomiting. Dilute by drinking water. Call a 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 <input type="checkbox"/> Eye Protection Safety Glasses/Goggles
Protective Gloves Impervious	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	Stop leak if you can do it without risk. Dike ahead of large spills to prevent run off. Mop, pump or take up with sand or other inert absorbent & reclaim into containers for reuse, recycle or proper disposal.
Waste Disposal Methods	Dispose of in an approved waste facility according to Federal, State and local regulations.

SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken In Handling and Storage	No special requirements if product is handled according to good manufacturing practices.
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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.

HMIS
HAZARD
RATING

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	NA

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