



MATERIAL SAFETY DATA SHEET

N/A = Not Applicable

(Prepared According to 29 CFR 1910.1200)

Effective Date 10/12/01

Section 1 - PRODUCT IDENTIFICATION

Product Name:Light Force

Generic Name:Non Amoniated Glass/Plexiglass® Cleaner

Suppliers Name:NORTHLAND CHEMICAL CORP.

Suppliers Address:11380 250th Street East Lakeville, MN 55044

Chemical Family: ...N/A

Formula:N/A

Phone:952-469-1155

Emergency:800-255-3924

NPCA Hazardous Materials Identification

Health	1
Flammability	0
Reactivity	1
Maximum Personal Protection	A

Section 2 - INGREDIENTS

CHEMICAL NAME	CAS NO.	WT.%	PEL	TWA-TLV	STEL-TLV C	CARCINOGEN
*2-Butoxy Ethanol	111-76-2		25 ppm	.25ppm		
Ethyl Alcohol	64-17-5		1000ppm	.1000ppm		
Isoparaffinic Hydrocarbon	64742-47-8		400ppm	.400ppm		
*Methyl Alcohol	67-56-1		200ppm	.250ppm		
Petroleum Distillates	64742-54-7		5 mg/m3	.10 mg/m3		
Propane/N-Butane	68476-86-8		1000ppm	.600ppm		

*This product contains the following toxic chemicals subject of the reporting requirements of section 313 of the Emergency Planning and Community Right-To Know Act of 1986 and of 40 CFR 372.

Section 3 - PHYSICAL DATA

Boiling Range: N/A
 Vapor Pressure: Mm Hg 46
 % Volatile: Slight
 Solubility in Water: 100%
 Physical Description: White foam, pleasant odor.

Specific Gravity: (Water=1)0.98
 Vapor Density: (Air=1)>1
 pH: N/A
 Evaporation Rate: >1
 (Butyl Acetate+1)

Section 4 - FIRE AND EXPLOSION DATA

Concentrate Flash Point (Method):
 Propellant Flash Point (Method):
 Flash Point (Method): None
 Extinguishing Media: Standard chemical fire extinguisher
 Special Fire Fighting Procedures: Wear self contained breathing apparatus when indicated.
 Unusual Fire and Explosion Hazards: Contents under pressure. Exposure to temperatures above 120° may cause bursting.

Explosive Limits
 Upper: N/A
 Lower: N/A

Section 5 - REACTIVITY DATA

Stability: Stable.
 Incompatibility (Materials to Avoid): Strong Oxidizers, Alkalies, Acids.
 Conditions to Avoid: Temperature above 120°F

Hazardous Polymerization: Will not occur.

Section 6 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storage:
 Store in cool, dry area.
 Keep away from heat, flames or sparks.

Section 7 - HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:

Primary Route of Entry:

Skin:May cause slight irritation.

Eyes:May cause mild to strong irritation of in eyes.

Inhalation:Prolonged exposure may cause headache/dizziness.

Ingestion:May cause nausea.

First Aid Procedures:

Skin:Wash effected area with soap and water.

Eyes:Flush eyes with water for 15 minutes and consult physician.

Inhalation:Remove to fresh air and consult physician.

Ingestion:Drink large amounts of water. Consult physician if irritation persists.

Section 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: None

Protective Gloves: None

Other Protective Equipment: N/A

Ventilation: Local Exhaust: N/A

Eye Protection: Safety gloves are recommended whenever chemicals are used.

Section 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:

Waste Disposal Method:

Mop or wipe up spill. Dispose of residue in accordance with Federal, State and local guidelines.

Wrap containers and place in trash collection. Do not puncture or incinerate container.