

# Northland Chemical Corp.

1170 Eagan Industrial Rd, Eagan, MN 55121

Phone: 651-414-6246

Fax: 651-414-6249



## MATERIAL SAFETY DATA SHEET

N/A = Not Applicable

(Prepared According to 29 CFR 1910.1200)

Effective Date 05/01/12

### Section 1 - PRODUCT IDENTIFICATION

Product Name: Light Force  
Generic Name: Non Amoniated Glass/Plexiglass® Cleaner  
Suppliers Name: NORTHLAND CHEMICAL CORP.  
Suppliers Address: 1170 Eagan Industrial Rd, Eagan, MN 55121

Chemical Family: N/A  
Formula: N/A  
Phone: 651-414-6246  
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	.1000pm		
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 Pint (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:  
Mop or wipe up spill. Dispose of residue in accordance with Federal, State and local guidelines.

Waste Disposal Method:  
Wrap containers and place in trash collection. Do not puncture or incinerate container.