

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

Date Prepared: 2/1/2007

Code: 4710

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: BRUTE FORCE	Product Type: Professional Hyperactive Floor Finish Stripper

SECTION 2 - INGREDIENTS

CHEMICAL NAME/COMMON NAME	CAS NO.	WT. %(opt)	TLV(Source)	TITLE III, SECT. 313
Ethylene Glycol Monobutyl Ether (Sect 313)	111-76-2	20-25%	25ppm(SKIN)	Yes
Ethanolamine	141-43-5	5-10%	3ppm(TWA); 6ppm(STEL)	No
Potassium Hydroxide	1310-58-3	1-5%	2mg/M3(CEILING)	No
Water	7732-18-5	Bal	None Established	No
Tetrasodium EDTA	64-02-8	1 - 5%	None Established	No

SECTION 3 - PHYSICAL DATA

Boiling point (°F.)	212°F(IBP)	Specific Gravity (H2O=1.0)	1.02 ± 0.005	pH	13.5 ± 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 type="checkbox"/> Faster	<input type="checkbox"/> Slower	<input checked="" type="checkbox"/> About the Same	Appearance and Odor: Clear colorless liquid with sassafras odor.	

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.)	°F. <input checked="" type="checkbox"/> None to Boiling	Flammable Limits	Not Upper Determined Lower
Extinguishing Media	This product is not combustible. Water spray, foam, CO2 or dry chemicals may be used in areas where this 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)	Corrosive material. Contact with skin can cause severe irritation with pain, severe redness & swelling with chemical burns & possible tissue destruction. Contact with eyes can cause severe burns, permanent damage & possibly blindness. Harmful or fatal if swallowed - causes severe burns of mouth, throat & stomach. Aspiration into lungs may occur during ingestion or vomiting resulting in lung injury.				
Signs and Symptoms of Overexposure (Chronic)	Contains material which penetrate skin readily. Ingestion, prolonged or widespread contact may result in the absorption of potentially harmful amounts.				
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 with large amounts of soap and water. If irritation persists, consult a physician.
Ingestion	Do not induce vomiting. Dilute by drinking plenty of water. Get immediate medical attention.
Inhalation	Remove to fresh air. Start artificial respiration if necessary. Oxygen may be administered. Call a physician.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection	Assure adequate ventilation to prevent release of vapors and/or mists which exceed regulatory limits.
Ventilation Requirements	Normal <input checked="" type="checkbox"/> Local Exhaust <input type="checkbox"/> Mechanical <input type="checkbox"/> Other <input type="checkbox"/> 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	Do not touch or walk through spilled material. Stop leak if you can without risk. Dike ahead of large spills to prevent run-off. Mop, pump or take up with sand or other inert absorbent and 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	CORROSIVE MATERIAL. Do not get in eyes, on skin or clothing. Remove contaminated clothing and launder before reuse. Avoid prolonged or repeated skin contact. Wash thoroughly after handling. D.O.T. Classification: Corrosive liquid
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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	3
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	X

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