

MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

Date Prepared: 5/14/2009

Code: 8725

SECTION 1 - PRODUCT IDENTIFICATION

Distributor: Factory Cleaning & Equipment	Emergency Phone: 1-630-406-9988
Address: 1578A Beverly Court, Aurora, IL 60502	Prepared By: DR
Trade Name: MAX FORCE FAST FILL	Product Type: Butyl Degreaser Superconcentrate

SECTION 2 - INGREDIENTS

CHEMICAL NAME/Common Name	CAS NO.	WT. %(opt)	TLV(Source)	TITLE III, SECT. 313
Ethylene Glycol Monobutyl Ether (Section 313 Listed)	111-76-2	15 - 25%	25ppm* (TWA;STEL)	Yes
Nonionic Surfactant	Proprietary	5 - 10%	Not Established	No
Tetrasodium EDTA	64-02-8	5 - 10%	Not Established	No
Monoethanolamine	141-43-5	1 - 5%	3ppm / 6ppm	No
Potassium Hydroxide	1310-58-3	1 - 5%	2ppm / 2ppm	No

SECTION 3 - PHYSICAL DATA

Boiling point (°F.)	Greater than 200°F	Specific Gravity (H2O=1.0)	1.06 ± 0.005	pH	13.2 ± 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 colored liquid with characteristic odor.		

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.)	153 °F.	<input type="checkbox"/> None to Boiling	Flammable Limits	Upper 10.6	Lower 1.1
Extinguishing Media	Product is non-combustible. 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	Fire may produce irritating or poisonous gases.				

SECTION 5 - REACTIVITY DATA

Stability	Stable	Incompatibility	Strong Oxidizers/Acids
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): Direct contact with eyes may cause moderate to severe irritation, pain, swelling of conjunctiva. Eye damage possible with prolonged contact. May cause moderate skin irritation with prolonged or repeated contact. Ingestion can cause severe irritation or burns of the mouth, nose, throat and stomach along with nausea and vomiting.
Signs and Symptoms of Overexposure (Chronic)	Contains material which penetrate skin readily. Ingestion, prolonged, repeated or widespread contact may	
Medical Conditions Aggravated by Overexposure	An existing dermatitis, respiratory illness.	
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	Use with adequate ventilation to control vapors/mists below regulatory limits. Protect against generated mists/spray-back.		
Ventilation Requirements	<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: Impervious protective clothing appropriate to minimize contact (ie: boots, apron, faceshield)	

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps To Be Taken If Released or Spilled	Shut off ignition sources. Stop leak if you can do it without risk. Water spray may reduce vapor. Take up small spills with sand or other inert absorbent material and place into containers for later disposal. Dike ahead of large spills for later 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	WARNING: Combustible liquid. Store in a cool, fire resistant area away from oxidizing materials. Ground all equipment and provide adequate ventilation. Keep container closed when not in use. Wash thoroughly after handling.
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DOT Class: Not Regulated

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	2 *	
FLAMMABILITY	2	
REACTIVITY	0	
PERSONAL PROTECTION	X	

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