

MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

Date Prepared: 2/16/2006

Code: 1400

SECTION 1 - PRODUCT IDENTIFICATION				
Distributor: Ric Mar Industries		Emergency Phone: 847-595-9113		
Address: 2525 American Lane, Elk Grove Village, IL 60007		Prepared By: LPL		
Trade Name: Grime Buster		Product Type: Heavy Duty Industrial Degreaser		
SECTION 2 - INGREDIENTS				
CHEMICAL NAME/COMMON NAME	CAS NO.	WT. %(opt)	TLV(Source)	TITLE III, SECT. 313
Sodium Hydroxide	1310-73-2	<8%	2 Mg/M3 (TWA/STEL)	No
Sodium Metasilicate	6834-92-0	<8%	None Established	No
Nonionic Surfactant	9016-45-9	<8%	None Established	No
Sodium Carbonate	497-19-8	<5%	None Established	No
Water	7732-18-5		None Established	No
SECTION 3 - PHYSICAL DATA				
Boiling point (°F.)	212°F	Specific Gravity (H2O=1.0)	1.1 ± 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 type="checkbox"/> Faster <input type="checkbox"/> Slower <input checked="" type="checkbox"/> About the Same		Appearance and Odor	
			Clear, colorless liquid with no distinct 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 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	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 type="checkbox"/> Inhalation <input type="checkbox"/> Other
Signs and Symptoms Of Overexposure (Acute)	Prolonged or repeated contact of concentrated product with eyes will cause irritation and reddening. Ingestion may cause nausea, abdominal discomfort, vomiting and diarrhea and mucousal irritation.			
Signs and Symptoms of Overexposure (Chronic)	Chronic local effects may consist of multiple areas of superficial destruction of the skin or of primary irritant dermatitis.			
Medical Conditions Aggravated by Overexposure	An existing dermatitis.			
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 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	Specific use conditions (spraying/confined spaces) where regulatory limits are exceeded may require local exhaust ventilation to prevent release of mist and/or vapors into work environment. If ventilation is not adequate, use a NIOSH/MSHA approved respirator with alkaline mist/gas cartridge & full face piece.			
Ventilation Requirements	N/A	<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) especially where sprayback/misting conditions exist.			
SECTION 9 - SPILL OR LEAK PROCEDURES				
Steps To Be Taken If Released or	Before attempting clean up, refer to data given above. 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	WARNING: Corrosive liquid. Do not get in eyes, on skin or clothing. Keep container closed when not in use. Wash thoroughly after handling. D.O.T. Classification : Corrosive liquid, basic, inorganic, n.o.s. (Sodium Hydroxide), 8, UN3266, PGII.			

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