

**MATERIAL SAFETY DATA SHEET**  
(Prepared According to 29 CFR 1910.1200)

Date Prepared: 3/1/2007

Code: 1405

**SECTION 1 - PRODUCT IDENTIFICATION**

Distributor: <b>Custom Solutions</b>	Emergency Phone: 800.309.5869
Address: 900 East 103rd Street, Chicago, IL 60628	Prepared By: LPL
Trade Name: <b>Activ 800 Degreaser</b>	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	13.5 ± 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, red 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 noncombustible. 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)	Corrosive to all body tissues by all routes of exposure. Prolonged contact with skin can produce severe burns & destroy tissues; irritation may be delayed. Prolonged contact with eyes may cause severe burns, permanent damage & possibly blindness. Harmful or fatal if swallowed — causes severe burns of the mouth, throat & stomach. Inhalation of generated mists or spray may cause damage.				
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	Other Protective Clothing
Rubber/PVC	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.
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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