

# MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

Date Prepared: 3/1/2007

Code: 8700

<b>SECTION 1 - PRODUCT IDENTIFICATION</b>				
Distributor <b>Actiblend Systems</b>		Emergency Phone <b>800.309.5869</b>		
Address <b>900 East 103rd Street, Chicago, IL 60628</b>		Prepared By:		
Trade Name <b>SYNERGY H.D. DEGREASER</b>		Product Type <b>Cleaner/Degreaser Superconcentrate</b>		
<b>SECTION 2 - INGREDIENTS</b>				
CHEMICAL NAME/COMMON NAME	CAS NO.	WT. %(opt)	TLV(Source)	TITLE III, SECT. 313
Potassium Hydroxide	1310-58-3	15 - 25%	2ppm (TWA) (STEL)	No
Nonionic Surfactant	Proprietary	15 - 35%	None Established	No
Ethanolamine	141-43-5	15 - 35%	3ppm (TWA) ; 6ppm	No
Dipotassium EDTA	2001-94-7	10 - 25%	None Established	No
Water	7732-18-5		None Established	No
<b>SECTION 3 - PHYSICAL DATA</b>				
Boiling point (°F.)	212°F	Specific Gravity (H <sub>2</sub> O=1.0)	1.15 ± 0.005	pH
				14.0 ± 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. H <sub>2</sub> O)	<input type="checkbox"/> Faster	<input type="checkbox"/> Slower	<input checked="" type="checkbox"/> About the Same	Appearance and Odor
				Clear, dark red - colored liquid with no distinct odor.
<b>SECTION 4 - FIRE AND EXPLOSION HAZARD DATA</b>				
Flash Point (T.C.C.)	Above 200°F	<input type="checkbox"/> None to Boiling	Flammable Limits	N/A Upper Lower
Extinguishing Media	Product is non-combustible. Water Spray (Fog), Dry Chemical, CO <sub>2</sub> , 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			
<b>SECTION 5 - REACTIVITY DATA</b>				
Stability	Stable	Incompatibility	Acids/oxidizers. Nitrites (See Sect 10).	
Hazardous Decomposition Products	Burning may produce oxides of carbon and nitrogen along with ammonia and other substances.			
<b>SECTION 6 - HEALTH HAZARD DATA</b>				
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 and swelling with chemical burns and possible tissue destruction. Contact with eyes can cause burns, permanent damage and possibly blindness. Harmful or fatal if swallowed — causes severe burns of mouth, throat and stomach. Aspiration into lungs may occur during ingestion or vomiting, resulting in lung injury.			
Signs and Symptoms of Overexposure (Chronic)	Repeated skin contact may cause a persistent irritation or dermatitis. Repeated inhalation may cause lung damage.			
Medical Conditions Aggravated by Overexposure	Existing respiratory conditions and/or 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
<b>SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES</b>				
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	Aspiration into lungs may occur during ingestion or vomiting, resulting in lung injury. Do not induce vomiting. Obtain emergency medical attention.			
Inhalation	Remove to fresh air. Start artificial respiration if necessary. Oxygen may be administered. Call a physician.			
<b>SECTION 8 - SPECIAL PROTECTION INFORMATION</b>				
Respiratory Protection	Not required under normal use conditions with ventilation sufficient to control vapors/mists below regulatory limits.			
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 (i.e.: boots, apron, faceshield) especially where spray back/misting conditions exist.			
<b>SECTION 9 - SPILL OR LEAK PROCEDURES</b>				
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.			
<b>SECTION 10 - STORAGE AND HANDLING INFORMATION</b>				
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. Prevent combinations with nitrosating agents (nitrites), as potentially hazardous nitrosamines could be formed. VOC = 277 grams/ liter (25% by wt.)			

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