

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

117711

DATE PREPARED: 4/4/2007

CODE: 8900

SECTION 1 - PRODUCT IDENTIFICATION

Distributor	Actiblend Systems, A Division of Nuance Solutions	Emergency Phone:	800.309.5869
Address	900 E. 103rd Street, Chicago, IL 60628	Prepared By:	DR
Trade Name	FORMULA ONE / PART-A	Product Type:	Industrial Heavy Duty Cleaner/Degreaser Component

SECTION 2 - INGREDIENTS

CHEMICAL NAME/COMMON NAME	CAS NO.	PERCENT(optional)	TLV (Source)
Potassium Hydroxide	1310-58-3	25-40%	2ppm (TWA;STEL)
Sodium Silicate	1344-09-8	5-10%	Not Established
Dipotassium EDTA	2001-94-7	5-10%	Not Established
Triethanolamine	102-71-6	2-5%	Not Established

SARA HAZARD: TITLE III, SECTION 313: Contains no Section 313 listed substances subject to reporting.

SECTION 3 - PHYSICAL DATA

Boiling point (°F.)	212°F	Specific Gravity (H2O=1.0)	1.4 ± 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 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	This product is not combustible. Water spray, dry chemical, CO2, or foam may be used 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.
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. Contact with skin can produce sever burns and destory tissues; irritation may be delayed. Contact with eyes may cause severe burns, permanent damage and possibly blindness. Harmful or fatal if swallowed — causes severe burns of mouth, throat and stomach. Inhalation of generated mists or spay may cause respiratory irritation or damage.				
Signs and Symptoms of Overexposure (Chronic)	Chronic local effect 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 a physician. Remove contaminated clothing, shoes.
Ingestion	Do NOT induce vomiting. Dilute by drinking water. Call a physician immediately.
Inhalation	Remove to fresh air. Start artifical respiration if necessary. Oxygen may be administered. Call a physician.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection	Not required under normal use conditions. Assure adequate ventilation to prevent release of vapors and/or mists which exceed regulatory limits.				
Ventilation Requirements	Normal	<input type="checkbox"/> Local Exhaust	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Other	Eye Protection: Chemical Goggles/Eyewash Facilities
Protective Gloves	Rubber/PVC	Other Protective Clothing	Impervious protective clothing appropriate to minimize contact (ie: boots, apron, face shield) especially where spray-back/misting conditions exist.		

SECTION 9 - SPILL OR LEAK PROCEDURES

If Released or Spilled Steps to be Taken	Do not touch or walk through spilled material. Stop leak if you can do it without risk. Take up small spills with sand or other inert absorbent material and place into containers for later disposal. Dike ahead of large spill 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: Corrosive liquid. Handle all containers carefully. Keep container closed when not in use. Wash thoroughly after handling. Remove any contaminated clothing and launder before reuse. Do not get in eyes, on skin or clothing. DOT Classification: Corrosive Liquid, Basic, Inorganic, n.o.s. (contains Potassium Hydroxide), 8, UN3266, PG II.
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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