

MATERIAL SAFETY DATA SHEET					
<b>SECTION 1 - PRODUCT SOURCE AND IDENTITY</b>					
Supplier identity and address			Product description:		Date: Jan. 18, 2003
Technical Marketing Alliance 2335 Buttermilk Crossing Crescent Springs, KY 41017			Name: Foam Off Degreaser Purpose: Efficient degreasing Proprietary Formula Code: TM1086451		
Emergency telephone: 800-424-9300			Product information: 859-727-1508		
<b>SECTION 2 - SHIPPING CLASSIFICATION</b>					
Proper Shipping Name, Hazard Class, UN/NA Number Packing Group, Emergency Response Guide Number					
Compound, cleaning, liquid, Class 8, NA 1760, PG III (Contains Potassium Hydroxide) ERG 154					
Labels required per 49 CFR 172.101:			Corrosive		
Size for "Limited quantity" per 49 CFR 173.150-.155:			1 gal (11#), 66# max.		
Reportable Quantity ("RQ") per 49 CFR 172.101:			None or not possible in one non-bulk package		
<b>SECTION 3 - SAFETY RATINGS AND HAZARDOUS INGREDIENT INFORMATION</b>					
Reporting required by Title III Sec 313, 40 CFR 372, 29 CFR 1910.1200			Exposure Limit Values		
CAS#	313	Material or Component	%	RQ#	TWA STEL
1310-58-3	No	Potassium Hydroxide	<10	1000	C 2 mg/m3
No component is listed in "THRESHOLD LIMIT VALUES AND BIOLOGICAL EXPOSURE INDICES FOR 2002" from ACGIH except as noted above. Components listed in TITLE III SEC 313 (EPCRA) are indicated by "Yes" above.					
California criteria: Constituents qualifying as hazardous materials, substances or waste, other than above, if any, have been neutralized or denatured to a non hazardous condition. Regulations referenced: California Health & Safety Code Ch 6.95 Sec 25501(k) & (l), CCR Title 22, Sec 66261.21-.24, and Appendix X of 22 CCR Chapter 11, Article 4.					
Emergency overview: Caustic cleaning liquid. Follow label directions. Use standard industrial good practices.					
Hazard Categories:	Health	Fire	Pressure	Reactivity	Reference 49 CFR 171.8,
Immediate	Yes	No	No	No	OSHA 29 CFR 1910.1200 and
Delayed	No	XXX	XXX	XXX	SARA 302/311/312/313.
HMIS Hazard Ratings: Health 2 Fire 0 Instability 0 Other B (Glasses, gloves)					
NFPA 704 Hazard Ratings: Health 2 Flammability 0 Reactivity 0 Special Cor					
Hazard Ratings: Least: 0 Slight: 1 Moderate: 2 High: 3 Extreme: 4					
Threshold limit value: Not established on product.					
TOSCA Status: All ingredients listed			CERCLA RQ: See Sec 2.		
California Prop. 65: None					
<b>SECTION 4 - PHYSICAL AND CHEMICAL PROPERTIES</b>					
Appearance:	Hazy viscous liquid			Flash point deg. F (cc):	None
Odor:	Nil			Initial boiling point deg. C:	ND
Specific gravity:	>1			Vapor pressure 20 deg C:	ND
pH reaction:	Very alkaline			Freezing point deg. C:	ND
% phosphorous:	0.34			Solubility in water:	100%
VOC content:	None				
California Rule 102 (66): Contains no photo chemically active materials.					
Reproductive implications:		None			
Ingredients on cancer lists:		None			

**SECTION 5 - SAFE HANDLING AND STORAGE**

General	Avoid contact with eyes and skin. Wash off immediately after contact. Do not breathe mists. Keep lid on containers when not in use.	
Protective equipment		
Eyes	Safety glasses or goggles should be worn if there is possibility of eye contact.	
Skin	Impermeable gloves such as rubber, PVC or neoprene are recommended.	
Respiratory protection	None normally required. If risk of inhalation occurs, select and use equipment according to OSHA/NIOSH guidelines for nuisance mists.	
Ventilation	As required for worker comfort.	
Other	None	

**SECTION 6 - HEALTH SAFETY DATA**

Effects of chronic over exposure	
Eyes	None.
Skin	Can cause irritation from defatting the skin.
Inhalation	Mists may be irritating to breathing passages.
Ingestion	Not a likely source of chronic exposure.

**SECTION 7 - PHYSICAL STABILITY AND REACTIVITY DATA**

Explosive limits	Flash point:	See Sec 4
Lower None	Upper None	Conditions to avoid: Contact with non-ferrous metals
Chemical stability	Stable	Hazardous decomposition products: None
Hazardous polymerization	Cannot occur	Incompatibility: Non ferrous metals, acids

**SECTION 8 - EMERGENCY RESPONSE PROCEDURES**

Fire	Extinguishing media	Use media appropriate to source of fire.
	Unusual hazards	None
First Aid	Eyes	Flush with water for at least 15 min. Seek medical attention.
	Skin	Wash exposed skin with soap and water until gone. Remove affected clothes rinse off product and wash clothes before reuse.
	Inhalation	If affected, remove individual to fresh air, get medical attention at once if there is any discomfort.
	Ingestion	Dilute by giving large amounts of water or milk. Get medical attention. Do not induce vomiting.
Spills	Small / large spill	Small amounts may be flushed to drain. Comply with federal, state and local regulations on reporting spills. Keep out of waterways.

Product as made has the characteristic of corrosivity, like " Unlisted Hazardous Waste D002", RQ 100#.

Information presented herein has been compiled from sources considered to be accurate and reliable, but is not guaranteed to be so. Since conditions of use are beyond our control we make no warranties, expressed or implied.

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