

MATERIAL SAFETY DATA SHEET							
SECTION 1 - PRODUCT SOURCE AND IDENTITY							
Supplier identity and address				Product description:		Date: March 25, 2011	
Kaady Chemical Corp. 2118 Adams St. San Leandro, CA 94577				Name: Lo Soap #1 Purpose: Mild acid car wash cleaner Proprietary Formula Code: KC LS1			
Emergency telephone:		800-626-4207		Product information:		800-755-2239	
SECTION 2 - SHIPPING CLASSIFICATION							
Proper Shipping Name, Hazard Class, UN/NA Number Packing Group, Emergency Response Guide Number							
Compounds, cleaning liquid, 8, NA1760, PG III ERG 154 (Contains phosphoric acid)							
Labels required per 49 CFR 172.101:				Corrosive			
Qualifies for "Limited quantity" per 49 CFR 173.154:				1 gal. max, 66# max. gross wt.			
Reportable Quantity ("RQ") per 49 CFR 172.101:				None or not possible in one non-bulk package			
SECTION 3- SAFETY RATINGS AND HAZARDOUS INGREDIENT INFORMATION							
Reporting required by Title III Sec 313, 40CFR 372, 29CFR 1910.1200						Exposure Limit Values	
CAS#	313	dm	Material or Component	%	RQ#	TWA	STEL
7664-38-2	No	NA	Phosphoric acid	8-9	None	1mg/m3	3mg/m3
111-76-2	Yes	1	2-butoxyethanol	4-5	None	20 ppm (skin)	
Product also contains non regulated detergents which may contribute to eye and skin irritation. dm = de minimus, the minimum percent which must be reported in discharge or spill.							
No component is listed in "THRESHOLD LIMIT VALUES AND BIOLOGICAL EXPOSURE INDICES FOR 2011" from ACGIH except as noted above. Components listed in TITLE III SEC 313 (EPCRA) are indicated by "Yes" above.							
Note: The purpose of this MSDS is to provide safe handling, shipping and disposal information for users of the product. It is not intended to, nor does it, provide complete or extensive toxicological data on the product or its components. Users who require this information are referred to primary suppliers of the ingredients of interest.							
Emergency overview: Corrosive to eyes and mucous membranes. 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 3 Flammability 0 Reactivity 0 Special Cor, Acid							
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: Ethanol							
SECTION 4 - PHYSICAL AND CHEMICAL PROPERTIES							
Appearance:		Clear, red liquid			Flash point deg. F (cc):		None
Odor:		acid, "butyl"			Initial boiling point deg. C:		ND
Specific gravity:		1.1			Vapor pressure 20 deg C:		ND
pH reaction:		Approx. 2			Freezing point deg. C:		ND
% phosphorous:		2.6			Solubility in water:		100%
VOC Content:		51 g/l					
Reproductive implications:				None			
Ingredients on cancer lists:				None			

SECTION 5 - SAFE HANDLING AND STORAGE

General	Avoid contact with eyes and repeated contact with skin Do not breathe mists. Wash off of skin after contact.
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	A well ventilated work environment is recommended.
Other	None

SECTION 6- HEALTH SAFETY DATA

Effects of chronic over exposure	
Eyes	Adds to effect of acute exposure.
Skin	Can cause irritation from repeated exposure.
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
Upper None	Lower None	Conditions to avoid: None known
Chemical stability	Stable	Hazardous decomposition products: Acid fumes formed on heating.
Hazardous polymerization	Cannot occur	Incompatibility: alkali'

SECTION 8- EMERGENCY RESPONSE PROCEDURES

Fire	Extinguishing media	Use equipment appropriate to main cause of fire.
	Special procedures	Must wear MSHA/NIOSH approved self-contained breathing apparatus and protective clothing. Cool containers with water spray.
	Unusual hazards	Products of combustion are toxic.
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 3-4 glasses of milk (or water). Get medical attention immediately. 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. Floors may be slippery. Recover with absorbent material. Keep out of waterways and storm sewers.

Product as made has the characteristic of corrosivity and qualifies as " 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.

MSDS prepared by: R.N. Miller 1-800-342-3577