

Low pH Cleaner

MATERIAL SAFETY DATA SHEET						
SECTION 1 - PRODUCT SOURCE AND IDENTITY						
Supplier identity and address			Product description:		Date: May 1, 2008	
Kaady Chemical Corp. 2118 Adams St. San Leandro, CA 94577			Name: Low pH Cleaner Purpose: Car wash cleaner Proprietary Formula Code: KCK 69A			
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# mav gross wt.			
Reportable Quantity ("RQ") per 49 CFR172.101:			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	Material or Component	%	RQ#	TWA	STEL
7664-38-2	No	Phosphoric acid	<20	None	1mg/m3	3mg/m3
No component is listed in "Threshold Limit Values and Biological Exposure indices for 2002" from ACGIH except as 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/ 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 22CCR Chapter 11, Article 4.						
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 & 173, OSHA 29 CFR 1910.1200 and SARA 302/311/312/313.	
Immediate	Yes	No	No	No		
Delayed	No	XXX	XXX	XXX		
HMIS Hazard ratings: Health 2 Fire 0 Instability 0 Other B (Glasses, gloves)						
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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, slightly yellow liquid			Flash point deg. F (cc):	None	
Odor:	Characteristic			Initial boiling point deg. C:	ND	
Specific gravity:	<1			Vapor pressure 20 deg C:	ND	
pH reaction:	Acid			Freezing point deg. C:	ND	
% phosphorous:	4.7			Solubility in water:	100%	
VOC Content:	None					
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	May occur Cannot occur X	Incompatibility: anionic detergents, 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 absorbant material. Keep out of waterways and storm sewers.
Product as made does not qualify as an "Unlisted Hazardous Waste" for disposal situations.		
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