

MATERIAL SAFETY DATA SHEET						
SECTION 1 - PRODUCT SOURCE AND IDENTITY						
Supplier identity and address			Product description:		Date: June 30, 2011	
Kaady Chemical Corp. 2118 Adams St. San Leandro, CA 94577			Name: HD Super Cleaner Purpose: Efficient removal of dirt and grease Proprietary Formula Code: K-100			
Emergency telephone: 800-424-9300			Product information: 503-246-7735			
SECTION 2 - SHIPPING CLASSIFICATION						
Proper Shipping Name, Hazard Class, UN/NA Number Packing Group, Emergency Response Guide Number						
UN3266, Corrosive, basic, inorganic, n.o.s., PG III (Sodium hydroxide) ERG 154						
Labels required per 49 CFR 172.101:			Corrosive			
Size for "Limited quantity" per 49 CFR 173.150-4:			1 gal. max. in 66# max. container			
Reportable Quantity ("RQ") per 49 CFR 172.101:			Not possible in one non-bulk container			
SECTION 3- SAFETY RATINGS AND HAZARDOUS INGREDIENT INFORMATION						
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
1310-73-2	No	Sodium hydroxide	5-10	1000	C 2 mg/m3	
Product also contains non regulated detergents which may contribute to eye and skin irritation.						
No component is listed in "THRESHOLD LIMIT VALUES AND BIOLOGICAL EXPOSURE INDICES FOR 2009" 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: Caustic cleaner. Keep out of eyes and off of skin. Use standard industrial safe practices. Wash from skin immediately to avoid irritation.						
Hazard Categories:						
Immediate	Health	Fire	Pressure	Reactivity	Reference 49 CFR 171.8, OSHA 29 CFR 1910.1200 and SARA 302/311/312/313.	
Delayed	Yes	No	No	No		
	No	XXX	XXX	XXX		
HMIS Hazard ratings: Health 2 Fire 0 Instability 0 Other B (Glasses, gloves)						
NFPA Hazard Ratings: Health 2 Flammability 0 Reactivity 0 Special NA						
Hazard Ratings: Least: 0 Slight: 1 Moderate: 2 High: 3 Extreme: 4						
Note: HMIS and NFPA ratings are subjective evaluations of hazards and can differ between preparers. They are intended and useful only as a rapid approximation of the hazards rated.						
Threshold limit value: Not established on product.						
TOSCA Status: All ingredients listed				CERCLA RQ: See Sec 2.		
California Prop. 65: None			Ingredients on cancer lists: None			
Reproductive implications: None						
SECTION 4 - PHYSICAL AND CHEMICAL PROPERTIES						
Appearance:		Clear, viscous, tan liquid		Flash point deg. F (cc):		None
Odor:		Nil		Initial boiling point deg. C:		NA
Specific gravity:		>1		Vapor pressure 20 deg C:		NA
pH reaction:		13.5 approx.		Freezing point deg. C:		NA
% phosphorous:		None		Solubility in water:		100%
VOC Content:		None				
California Rule 102 (66):		Contains no photochemically active materials.				

SECTION 5 - SAFE HANDLING AND STORAGE		
General	High performance caustic grease solvent. Keep out of eyes and off of skin. Use standard industrial good practices. Follow use directions. Flush promptly from skin. Avoid contact with zinc and aluminum.	
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.	
Ventilation	A well ventilated work environment is recommended.	
Other	None	
SECTION 6- HEALTH SAFETY DATA		
Effects of acute or chronic over exposure		
Eyes	Irritating to eyes. No chronic effects known.	
Skin	Irritating with repeated or prolonged 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	
Lower None	Upper None	Conditions to avoid: Skin and eye contact.
Chemical stability	Stable	Hazardous decomposition products if burned: Oxides of carbon, nitrogen and sulfur.
Hazardous polymerization	Cannot occur	Incompatibility: Soft metals, such as aluminum and zinc.
SECTION 8- EMERGENCY RESPONSE PROCEDURES		
Fire	Extinguishing media	Use equipment appropriate to the main cause of the fire.
	Special procedures	None
	Unusual hazards	None
First Aid	Eyes	Flush with water for at least 15 min. Seek medical attention if pain persists.
	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.
	Ingestion	Dilute by giving large amounts 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. Keep out of waterways and storm sewers.
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. MSDS prepared by: R.N. Miller 1-800-342-3577		