

**MATERIAL SAFETY DATA SHEET****SECTION 1 - PRODUCT SOURCE AND IDENTITY**

Supplier identity and address	Product description:	June 30, 2011
Kaady Chemical Corp. 2118 Adams St. San Leandro, CA 94577	Name: Glass Cleaner Purpose: Glass Cleaner Proprietary Formula Code: KCUGC	
Emergency phone: 800-424-9300	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, 3, NA 1993, PG III (Contains isopropanol) ERG 128	
Labels required per 49 CFR 172.101:	Flammable
Size for "Limited quantity" per 49 CFR 173.150-4:	1 gal in 66# overpacks.
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, 40 CFR 372, 29 CFR 1910.1200				Exposure Limit Values		
CAS#	313	Material or Component	% RQ#	TWA	STEL	
67-63-0	Yes	Isopropyl Alcohol	<45	None	400 ppm	500 ppm
3459-94-8	No	Dipropylene glycol methyl ether	< 5	None	100 ppm	150 ppm

No component is listed in "Threshold Limit Values and Biological Exposure indices for 2001" 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/ 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: Flammable detergent cleaner in concentrate. Avoid sparks and flame.  
Keep out of eyes and off skin. Use standard industrial good practices.

Hazard Categories:	Health	Fire	Pressure	Reactivity	Reference 49 CFR 171.8 & 173,
Immediate	Yes	Yes	No	No	OSHA 29 CFR 1910.1200 and
Delayed	No	XXX	XXX	XXX	SARA 302/311/312/313.

HMIS Hazard ratings: Health 1 Fire 4 Instability 0 Other B (Glasses, gloves)

NFPA 704 Hazard Ratings: Health 1 Flammability 4 Reactivity 0 Special NA

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 Ingredients on cancer lists: None

Reproductive implications: None

**SECTION 4 - PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Red, clear liquid	Flash point deg. F (TOC):	78
Odor:	None	Initial boiling point deg. C:	ND
Specific gravity:	< 1	Vapor pressure 20 deg C:	ND
pH reaction:	slightly alkaline (8-9)	Freezing point deg. C:	ND
% phosphorous:	None	Solubility in water:	100%
VOC content:	45%		
California Rule 102 (66):	Contains no photochemically active materials.		

**SECTION 5 - SAFE HANDLING AND STORAGE**

General	Flammable detergent solution. Keep out of eyes and off skin. Protect from sparks and flame. Use standard industrial good practices. Keep out of reach of children. 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	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	Can cause irritation from repeated exposure.
Inhalation	Mists may be irritating to breathing passages.
Ingestion	Not a likely source of chronic exposure. May cause acute nausea and irritation to mouth, esophagus and stomach.

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

Explosive limits	Flash point:	See Sec 4
Upper ND	Lower ND	Conditions to avoid: Any source of ignition.
Chemical stability	Stable	Hazardous decomposition products: None known
Hazardous polymerization	Cannot occur	Incompatibility: None known

**SECTION 8- EMERGENCY RESPONSE PROCEDURES**

Fire	Extinguishing media	CO2, fog, dry chemicals. Water will cool and lower flash point of liquid. No special procedures required.
	Special procedures	
	Unusual hazards	Standard for isopropanol solutions.
First Aid	Eyes	Flush with water for at least 15 min. Seek medical attention. See Sec. 6.
	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 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. Keep from ignition sources.

Product as made has the characteristic of ignitability, like " Unlisted Hazardous Waste D001", RQ 100#.

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