

Material Safety Data Sheet	U.S. Department of Labor
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May be used to comply with OSHA'S Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.	Occupational Safety and Health Administration (Non-Mandatory Form) Form Approved OMB No.1218-0072
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IDENTITY (As used on label and list) AK-032-I Opti-Magic I, Optical Lens Cleaner Type I	
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Section I

Manufacturer's Name AlfaKleen Chemical Laboratories, Inc. www.alfakleen.com	Emergency Telephone Number See Website...
	Telephone Number for Information See Website...
Cage Code 62639	Date Prepared 01/01/13

Section II -- Hazardous Ingredients/Identity Information

CAS NO.	Ingredients	OSHA PEL	Other limits: ACGIH TLV
64-17-5	Denatured Alcohol		830PPM
68412-54-4	Detergent		0/0

Section III -- Physical/Chemical Characteristics

Boiling Point	346°F	Specific Gravity (H2O = 1)	1.1
Vapor Pressure (mm Hg.)	0.92	Melting Point	N/A
Vapor Density (AIR = 1)	0.62	Evaporation Rate (Butyl Acetate = 1)	0.7
Solubility in Water 100%			
Appearance and Odor	Clear, light alcohol odor	VOC:	25%

Section IV -- Fire and Explosion Hazard Data

Flash Point (Method Used) N/A ASTM D 93-Pensky Martens Closed cup	Flammable Limits	LEL	N/A	UEL	-	98°F
Extinguishing Media N/A						
Special Fire Fighting Procedures None						
Unusual Fire and Explosion Hazards N/A						

Section V -- Reactivity Data

Stability	Unstable		Conditions to Avoid None Known
	Stable X		

Incompatibility (Materials to Avoid)
None known

Hazardous Decomposition or Byproducts
None known

Hazardous Polymerization	May Occur		Conditions to Avoid None known
	Will Not Occur X		

Section VI -- Health Hazard Data

Route(s) of Entry:	Inhalation ? Yes	Skin? Yes	Ingestion? Yes
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Health Hazards (Acute and Chronic)
Harmful if swallowed or absorbed through the skin

Carcinogenicity:	NTP? No	IARC Monographs? No	OSHA Regulated No
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Signs and Symptoms of Exposure
Short term; eyes: irritant/may cause conjunctivitis

Medical Conditions
Generally aggravated by exposure

None recognized

Emergency and First Aid Procedures
Eyes: flush with water for 15 minutes, see a physician; skin: may cause irritation, wash with soap and water;
Inhalation: may cause irritation to the respiratory tract; Ingestion: poisonous if taken internally.
Seek emergency medical help immediately.

Section VII -- Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled
Flush with water.

Waste Disposal Method
Dispose in accordance with applicable local, state and federal regulations.

Precautions to Be Taken in Handling and Storing
Keep out of reach of children.
Keep container closed when not in use.
Store at room temperature.

Other Precautions

Section VIII -- Control Measures

Respiratory Protection (Specify Type)
None usually required

Ventilation	Local Exhaust Yes	Special
	Mechanical (General)	Other

Protective Gloves Required to avoid skin irritation	Eye Protection Should be worn to prevent irritation
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Other Protective Clothing or Equipment
None

Work/Hygienic Practices

Section IX -- Special Precautions

Handling and Storage Precautions

Other Precautions

Section X -- Transportation

Applicable Regulations **NON-HAZARDOUS**

Proper Shipping Name

UN NO.	Limited Qty	Reported Qty
Hazard Class	Labels Required	DOT Exempt/CCN
U.S. Postal Service Regulations	Unit Container	

Aerosol Propellants

EPA Hazardous Waste Number/Code

Hazardous Waste Characteristics

Additional Information