

ALFA KLEEN -- AK-032 OPTICAL LENSE CLEANER TYPE I -- 6850-00-227-1887

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Product Identification
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Product ID:AK-032 OPTICAL LENSE CLEANER TYPE I

MSDS Date:04/01/1996

FSC:6850

NIIN:00-227-1887

MSDS Number: BDKTY

=== Responsible Party ===

Company Name:ALFA KLEEN

Address:2691 SATURN STREET

City:BREA

State:CA

ZIP:92621-6703

Country:US

Info Phone Num:714-524-2530

Emergency Phone Num:800-424-930

0 (CHEMTREC)

CAGE:62639

=== Contractor Identification ===

Company Name:ALFA KLEEN CHEMICAL LABORATORIES INC

Address:840 CAPITOLIO WAY

Box:City:SAN LUIS OBISPO

State:CA

ZIP:93401

Country:US

Phone:805-541-3465

CAGE:62639

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Composition/Information on Ingredients
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Ingred Name:ETHYL ALCOHOL (ETHANOL), DENATURED, NO.3A

CAS:64-17-5

RTECS #:KQ6300000

Fraction by Wt: 20.0%

Other REC Limits:400 PPM

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9495

Ingred Name:NONYLPHENOXYPOLYETHOXYE

THANOL (DETERGENT MILD D-16791)

CAS:68412-54-4

Fraction by Wt: 0.15%

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 79.90%

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===== Hazards Identification =====

Routes of Entry: Inhalation:NO Skin:NO Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:IRRITANT TO SKIN, AVOID INTERNAL
INGESTION AND DIRECT EYE EXPOSURE.

Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS

LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:NO DATA AVAILABLE.

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===== First Aid Measures =====

First Aid:INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING.

GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER
FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN:
REMOV E CONTAMINATED CLOTHING. WASH WITH SOAPAND WATER. IF
IR

RITATION PERSISTS, GET MEDICAL ADVICE. INGESTION:DO NOT INDUCE
VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE
MEDICAL ATTENTION.

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===== Fire Fighting Measures =====

Flash Point Method:COC

Flash Point:NON-FLAMMABLE

Extinguishing Media:WATER SPRAY,CO2,FOAM,DRY CHEMICAL

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED
AREA.

Unusual Fire/Explosion Hazard:NONE INDICATED.

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===== Accidental Release Measures

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Spill Release Procedures:USE PROPER PERSONAL PROTECTION;FLUSH WITH WATER AND RECOVER FOR PROPER DISPOSAL.

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Handling and Storage

Handling and Storage Precautions:STORE IN AREA OF LESS THAN 122F.
Other Precautions:AVOID CONTACT WITH EYES AND SKIN.DO NOT SWALLOW OR TAKE INTERNALLY.

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Exposure Controls/Personal Protection

Respiratory Protection:NO SPECIAL REQMENTS UNDER ORDINARY CONDITIONS/

ADEQUATE VENT.

Ventilation:NO SPECIAL REQUIREMENTS W ADEQUATE VENT.

Protective Gloves:IMPERVIOUS

Eye Protection:GOGGLES

Other Protective Equipment:AS REQUIRED TO PREVENT PROLONGED CONTACT.

Work Hygienic Practices:AVOID SKIN & EYES CONTACT;DO NOT TAKE INTERNALLY.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS.

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Physical/Chemical Properties

HCC:N1

Boiling Pt:B.P. Tex

t:346F/174C

Vapor Pres:17

Vapor Density:0.62

Spec Gravity:0.9

pH:5.0

Evaporation Rate & Reference:0.7 (BUT.ACETATE=1)

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR WATER LIKE COLOR, ALCOHOLIC ODOR.

Percent Volatiles by Volume:NONE

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Stability and Reactivity Data

Stability Indicator/Materials to Avoid:YES

NONE NOTED

Stability Condition to Avoid:EXTREME HEAT,OPEN FLAMES

Hazardous Decomposition Products:NONE NOTED

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Disposal Co

nsiderations =====

Waste Disposal Methods:DISPOSE OF COLLECTED MATERIAL IN ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS.

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