

CHEMICAL COMMODITIES AGENCY -- MIL-C-43454,CLEANING COMPOUND,OPTICAL LENS --
6850-00-188-9875

===== Product Identification =====

Product ID:MIL-C-43454,CLEANING COMPOUND,OPTICAL LENS

MSDS Date:04/03/1989

FSC:6850

NIIN:00-188-9875

MSDS Number: BDHQJ

=== Responsible Party ===

Company Name:CHEMICAL COMMODITIES AGENCY

Address:27447 PACIFIC STREET

City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Info

Phone Num:714-864-2310

Emergency Phone Num:714-864-2310

CAGE:60777

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

===== Composition/Information on Ingredients =====

Ingred Name:ETHYL ALCOHOL (ETHANOL)

CAS:64-17-5

RTECS #:RQ6300000

= Wt:54.3

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 8990

Ingred Name:METHYL ALCOHOL (METHANOL) (SARA III)

CAS:67-56-1
RTECS #:PC1400000
= Wt:2.7
OSHA PEL:S,200PPM/250STEL
ACGIH TLV:S,200PPM/250STEL; 93
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
= Wt:42.9

Ingred Name:DETERGENTS, TYPE NOT SPECIFIED BY MANUFACTURER.
= Wt:.15
Other REC Limits:NONE ESTABLISHED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Effects of Over
exposure:SKIN/EYES:CAUSE IRRIT.MAY CAUSE
BLINDNESS;INGEST:MAY CAUSE BLINDNESS/DEATH;INHAL:NAUSEA,DIZZ.

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

First Aid:SKIN:WASH W.SOAP & H*2O EYES:FLUSH W. H*2O. INGESTED:GIVE 2
GLASSES H*2O; INDUCE VOMITING.CALL A PHYSICIAN. INHALE:REMOVE TO
FRESH AIR. GIVE CPR/OXYGEN IF NEED. KEEP WARM & QUIET. REMOVE
CONTAMINATED CLOTHING. IF UNCONS DO NOT TAKE ANYTHINGBY MOUTH.

===== Fire Fighting Measures =
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Flash Point Method:TCC
Flash Point:60F/15.6C
Extinguishing Media:CO*2, FOAM, DRY CHEM.
Fire Fighting Procedures:WEAR SELF-CNTD BRTHG,APP H*20 SPRAY TO COOL
CONTR.
Unusual Fire/Explosion Hazard:NONE NOTED BY MANUFACTURER.

===== Accidental Release Measures =====

Spill Release Procedures:ELIMINATE IGNITION SOURCES. STOP LEAK.
EVACUATE AREA.DO NOT TOUCH SPILLAGE. SM SPILL:ABSORB W. INERT
ABSORBENT. PLACE IN CLOSED CONTAINER. FLUSH AREA

W. WATER. LG

SPILL: DIKE AHEAD FOR LATER DISPOSAL. NOTIFY AUTHORITIES.

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Handling and Storage
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Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED AREA. PROTECT FROM PHYSICAL DAMAGE.AVOID ANY PHYSICAL CONTACT. KEEP CONTAINERS TIGHTLY CLOSED

Other Precautions:KEEP AWAY FM HEAT & OPEN FLAM.DO NOT STORE NEAR OXIDIZER.

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Exposure Controls/Personal Protection
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Respiratory Protection:NONE SHOULD BE NEEDED

Ventilation:NO SPECIAL REQUIREMENTS W ADEQUATE VENT.

Protective Gloves:IMPERVIOUS

Eye Protection:CHEM SPLASH GOGGLES

Other Protective Equipment:NORMAL WORK CLOTHING COVERING ARMS & LEGS.

Supplemental Safety and Health

FORMULA 3A HAS 100 GALLONS ETHYL ALCOHOL PLUS 5 GALLONS METHANOL.

FORMULA 3A IS MIXTURE OF 4.762% METHANOL & 95.238% ETHANOL; SEE COMPONENTS FOR EXACT % OF ALCOHOLS IN THE COMPOUND.

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Physical/Chemical Properties
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HCC:F5

Boil

ing Pt:=77.8C, 172.F

pH:7

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR,COLORLESS LIQUID SLIGHT FRAGRANT.

Percent Volatiles by Volume:100

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:HIGH TEMP/EXCESSIVE HEAT

Hazardous Decomposition Products:INCOMPLETELY BURNED CARBON PRODUCTS, CO*2, CO.

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Disposal Considerations
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Waste D

isposal Methods:SM & LG SPILL:DEPOSIT IN A POSTED TOXIC
SUBSTANCE LANDFILL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL
REGULATIONS

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