

ALFA KLEEN -- CLEANING COMPOUND WINDSHIELD,AK-046 -- 6850-01-368-4799

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Product Identification  
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Product ID:CLEANING COMPOUND WINDSHIELD,AK-046

MSDS Date:04/28/1997

FSC:6850

NIIN:01-368-4799

MSDS Number: CFZCH

=== 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/FAX 714-524-1765

Emergency Phon

e Num:714-524-2530/800-424-9300(CHEMTREC)

Preparer's Name:SYLVIA EVANGELISTA

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:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 42.9%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:NOT RELEVANT

ACGIH TLV:NOT RELE

VANT

Ingred Name: DENATURED ALCOHOL/ETHYL ALCOHOL (ETHANOL)

CAS: 64-17-5

RTECS #: KQ6300000

Fraction by Wt: 57.0%

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 1000 PPM

ACGIH TLV: 1000 PPM; 9596

Ingred Name: DETERGENT MIL D-16791/NONYLPHENOXYPOLYETHOXYETHANOL

CAS: 68412-54-4

Fraction by Wt: 0.1%

Other REC Limits: NONE RECOMMENDED

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

LD50 LC50 Mixture: LD50 (ORAL, RAT) IS NOT KNOWN.

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

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

Health Hazards Acute and Chronic: TARGET ORGANS: EYE, SKIN, RESPIRATORY AND GASTROINTESTINAL TRACTS. ACUTE AND CHRONIC- MAY CAUSE EYE IRRITATION. REPEATED/PROLONGED SKIN CONTACT CAN CAUSE DRYNESS. EXCESSIVE INHALATION COULD CAUSE HEADACHE, DIZZINESS. HARMFUL IF INGESTED.

Explanation of Carcinogenicity: NONE

Effects of Overexposure: IRRITATION, HEADACHE, DIZZINESS, NAUSEA, SKIN DRYNESS, TEARING, BLURRED VISION, ITCHING, BURNING SENSATION,

VOMITING, DRUNKNESS

Medical Conditions Aggravated by Exposure: PERSONS WITH PRE-EXISTING SKIN DISORDERS, EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid: GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED: MOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES: FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN: RINSE WITH COLD WATER. ORAL: DO

NOT

INDUCE V OMITING. SEEK IMMEDIATE MEDICAL ATTENTION. IF SPONTANEOUS VOMITING OCCURS, KEEP HEAD BELOW HIPS.

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

Flash Point Method:CC

Flash Point:80.0F,26.7C

Extinguishing Media:USE WATER FOG. USE WATER TO COOL FIRE-EXPOSED CONTAINERS.

Fire Fighting Procedures:DO NOT ENTER ANY ENCLOSED OR CONFINED AREA WITHOUT PROPER PROTECTIVE EQUIPMENT AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Exp

losion Hazard:CONTAINERS MAY EXPLODE.

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

Spill Release Procedures:FLUSH TO SEWER WITH LARGE AMOUNT OF WATER IF PERMITTED. OTHERWISE, ABSORB SPILL WITH INERT MATERIAL SUCH AS VERMICULITE. PLACE IN A CONTAINER FOR DISPOSAL.

Neutralizing Agent:WATER

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN COOL, VENTILATED AREA, AWAY FROM FLAMES. KEEP CONTAINER TIGHTLY CLOSED.

Other Precautions:AVOID BREATHING VAPORS. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. KEEP OUT OF REACH OF CHILDREN. DO NOT INGEST.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXIST. IF AIRBORNE CONCENTRATION IS HIGH, WEAR A NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR.

Ventilation:GENERAL VENTILATION

Protective Gl

oves:NITRILE FOR REPEATED/PROLONGED CONTACT

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:SAFETY SHOWER AND EYE WASH FOUNTAIN SHOULD BE LOCATED NEARBY. WEAR APPROPRIATE PROTECTIVE CLOTHING FOR RISK OF EXPOSURE.

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:F3

NRC/State Lic Num:NOT RELEVANT

Boiling

Pt:=184.4C, 364.F  
Melt/Freeze Pt:=-45.6C, -50.F  
Vapor Density:0.62  
Spec Gravity:0.90  
pH:4.40  
Evaporation Rate & Reference:0.7 (N-BUTYL ACETATE=1)  
Solubility in Water:COMPLETE  
Appearance and Odor:WATER WHITE LIQUID - ALCOHOL ODOR

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
Stability Condition to Avoid:HEAT, OPEN FLAMES

===== Disposal Considerations =====

Waste Disposal Methods:DISCHARGE, TRE  
ATMENT OR DISPOSAL IS SUBJECT TO  
FEDERAL, STATE OR LOCAL REGULATIONS. FLUSH TO SEWER WITH LARGE  
AMOUNT OF WATER, IF ALLOWED. SINCE EMPTIED CONTAINERS RETAIN  
PRODUCT RESIDUE, FOLLOW LABEL WARNINGS EVEN AFTER CONTAINER IS  
EMPTIED.

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