

AAPER ALCOHOL AND CHEMICAL CO. -- ETHYL ALCOHOL USP- 200 PROOF -- 6810-00-242-3645
===== Product Identification =====

Product ID:ETHYL ALCOHOL USP- 200 PROOF
MSDS Date:01/01/1996
FSC:6810
NIIN:00-242-3645
MSDS Number: BDMSP
=== Responsible Party ===
Company Name:AAPER ALCOHOL AND CHEMICAL CO.
Address:1101 ISAAC SHELBY DRIVE
Box:339
City:SHELBYVILLE
State:KY
ZIP:40065
Country:US
Info Phone Num:502
-633-0650
Emergency Phone Num:502-633-0650/800-424-9300(CHEMTREC)
CAGE:61305
=== Contractor Identification ===
Company Name:AAPER ALCOHOL AND CHEMICAL CO
Address:1101 ISAAC SHELBY DR
Box:339
City:SHELBYVILLE
State:KY
ZIP:40066-0339
Country:US
Phone:502-633-0650
CAGE:61305

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

Ingred Name:ETHYL ALCOHOL (ETHANOL)
CAS:64-17-5
RTECS #:KQ6300000
Fraction by Wt: 100.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1000 PPM
ACGIH TLV:1000

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===== Hazards Identification =====
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHAL:EXPO OVER 1000PPM MAY CAUSE
HEAD,DROWSINESSS,LASSITUDE,LOSS OF APPETITE,INABILITY TO
CONCENTRATE.IRRIT THROAT.INGEST:CAN CAUSE DEPRESSION OF
CNS,NAUSEA,VOMITING,DIARRHEA.EYE:LIQ/VAP MAY CAUSE IRRIT.SKIN:MAY
CAUSE IRRIT & DEFATTING OFSKIN ON PROLONG CONTACT.
Effects of Overexposure:HEADACHE,DROWSINESS,LASSITUDE,LOSS OF
APPETITE,INABILITY TO CONCENTRATE,IRRIT THROAT/EYE/SKIN,DEPRESSION
OF CNS,NAUSEA,COMITING,DIARRHEA,SKIN DEFATTING.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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===== First Aid Measures =====
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First Aid:INGEST:CONSCIOUS/ABLE TO SWALLOW HAVE VICTIM DRINK H2O/MILK
TO DILUTE.NEVER GIVE ANYTHING BY MOUTH IF UNCON
SC/HAVING
CONVULSIONS.CALL DR/POIS CNTRL CNTNR IMMED.INDUCE VOMIT ONLY IF
ADVICE BY DR/POIS C NTRL.INHAL:IMMED REMOVE TO FRESH AIR.STOP
BREATH GIVE ART RESP PREFERABLE MOUTH-TO-MOUTH.GET MED ATTN
IMMED.EYE/SKIN:IMMED FLUSH AREA W/PLENTY OF COOL H2O.EYE SHOULD BE
FLUSH FOR @LEAST 15MINS.(SUPP)

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===== Fire Fighting Measures =====
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Flash Point Method:TCC
Flash Point:56.0F,13.3C
Autoignition Temp:Autoignition Temp Text:685F
Lower Limits:3.3
Upper
Limits:19
Extinguishing Media:USE DRY CHEM,"ALCOHOL"FOAM,CO2.H2O MAY BE
INEFFECTIVE BUT WATER SHOULD BE USED TO KEEP FIRE-EXPO CNTNR COOL.
Fire Fighting Procedures:IF LEAK/SPILL HAS NOT IGNITED USE WATERSPRAY
TO DISPERSE VAPORS/PROTECT MEN ATTEMPTING TO STOP LEAK.WATERSPRAY
MAY BE USED TO FLUSH SPILLS AWAY FROM EXPO(SUPPL)
Unusual Fire/Explosion Hazard:FIREFIGHTERS SHOULD WEAR SCBA IN POSITIVE
PRESSURE MODE W/FULL FACE PIECE WHEN THERES POSSIBILITY OF EXPO TO
SMOKE,FUMES,HAZ

DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:AVOID UNCONTROLLED RELEASE OF MATL.WHERE SPILLS POSSIBLE A COMPREHENSIVE SPILL RESPONSE PLAN SHOULD BE DEVELOPED/IMPLEMENTED.WEAR APPRO RESP PROT/PROT CLOTH.CONTAIN SPILL.TRANSF TO SECURE CNTNR.WHERE NECESSARY COLLECT W/ABSORBENT MEDIA.IN EVENT (SUP)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

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Handling and Storage Precautions:HNDLG IN PRESENCE OF ADEQUATE VENTI.PROTECT CNTNR AGAINST PHYS DMG.DETACH/OUTSIDE STORAGE PREFER.INSIDE STORAGE SHOULD BE NFPA APPROV FLAMM LIQ RM/CAB

Other Precautions:ALL IGN SOURCES SHOULD BE ELIMINATED.SMOKING PROHIBITED IN STORAGE/USAGE AREAS.ELECTRICAL INSTALL SHOULD IAW ART 501 NAT ELEC CODE.FOLLOW NFPA 30 FOR STORAGE/HNDLG.DO FREQ CAREFUL LEAKAGE INSPECTIONS. PROVIDE AUTO SPRINKLER SYST.ISOLATE(SUP)

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

Respiratory Protection:WHERE EXPO LIKELY TO EXCEED ACCEPTABLE CRITERIA USE NIOSH/MSHA APPROV RESPIRATORY PROTECTION EQPMT.RESP SHOULD BE SELECTED BASED ON FORM & CONCEN OF CONTAMINANTS IN AIR & IAW OSHA (20CFR1910.134).

Ventilation:NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:IMPERVIOUS TO PRODUCT

Eye Protection:SAF GLASSES/SAF GOGGLES (ANSI Z87.1)

Other Protective Equipment:PROTECTIVE CLOTH IMPERVIOUS TO PROD FOR DURATION OF ANTICIPATED EXPO IF THERES POTENTIAL FOR PROL/REP SKIN CONTACT.

Work Hygienic Practices:BOND/GROUND METAL CNTNR WHEN TRANSF MATL-AVOID STATIC DISCHAR.REPLACE CLOSURE SECURELY AFT EA OPN.NOT FOR HOUSEHOLD USE.

Supplemental Safety and Health

1ST AID:REMOVE/WASH CONTA CLOTH BEF REUSE.GET MED ATTN IMMED.

FIRE FIGHT:& DILUTE SPILLS TO NONFLAMM MIX. SPILL:OF UNCONTROLLED RELEASE OF MATL USER SHOULD DETERMINE IF RELEASE IF REPORTABLE UNDER APPLI CABLE LAWS/REGS. OTHER PRECAU:FRM OXID

IZERS/CHEM

CAPABLE OF SPONT HEAT, MATLS RX W/AIR/MOISTURE TO LIBERATE
HEAT, EXPLO.

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

HCC:F3

Boiling Pt: B.P. Text: 173F, 78C

Melt/Freeze Pt: M.P/F.P Text: -173F, -114C

Decomp Temp: Decomp Text: NP

Vapor Pres: 44.6 @ 68F

Vapor Density: 1.59

Spec Gravity: 0.7940

pH: NP

Viscosity: NP

Evaporation Rate & Reference: NP

Solubility in Water: COMPLETE

Appearance and Odor: CLEAR AND COLORLESS

Percent Volatiles by Volume: NP

Corrosion Rate: NP

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

Stability Indicator/Materials to Avoid: YES

CONTACT W/ACETYL CHLORIDE AND WIDE RANGE OF OXIDIZING AGENTS MAY REACT
VIOLENTLY.

Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products: NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods: ALL RECOVERED MATL SHOULD BE
PKG/LABEL/TRANSP/DISPO OF OR RECLAIMED IN CONFORMAN
CE W/APPLICABLE

LAWS/REGS & IN CONFORMANCE WITH GOOD ENGINEERING PRACTICES. CNTNR
HAZ WHEN EMPTY. SINCE THEY CONTAIN RESI DUAL PROD ALL PRECAUT IN
MSDS MUST BE OBSERVED.

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