

AAPER ALCOHOL AND CHEMICAL CO. -- SPECIALLY DENATUREATED ALCOHOL 3A, 200 PROOF --
6810-00-543-7415

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

Product ID:SPECIALLY DENATUREATED ALCOHOL 3A, 200 PROOF

MSDS Date:01/01/1991

FSC:6810

NIIN:00-543-7415

MSDS Number: BMXHJ

=== Responsible Party ===

Company Name:AAPER ALCOHOL AND CHEMICAL CO.

Address:11 ISAAC SHELBY DRIVE

Box:339

City:SHELBYVILLE

State:KY

ZIP:40065

-8814

Country:US

Info Phone Num:502-633-0650

Emergency Phone Num:502-633-0650

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 (FLAMMABLE/NERVOUS SYSTEM DEPRESSANT)

CAS:64-17-5

RTECS #:KQ6300000

Fraction by Wt: 95.2%

Other REC Limits:NONE SPECIF

IED
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM

Ingred Name:METHYL ALCOHOL
CAS:67-56-1
RTECS #:PC1400000
Fraction by Wt: 4.8%
OSHA PEL:260 MG/M3;200 PPM
ACGIH TLV:262 MG/M3;200 PPM
ACGIH STEL:328 MG/M3;250 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:INHAL: EXPOSURE TO OVER 1000 PPM MAY
CAUSE HEADACHE, DROWSINESS AND LASSITUDE, APPETITE L
OSS, &
INABILITY TO CONCENTRATE. IRRIT OF THROAT. INGEST: CAN CAUSE
CENTRAL NERVOUS SYSTEM DEPRESSION, NAUSEA, VOMITING, DIARRHEA.
EYE: LIQ/VAPOR MAY CAUSE IRRIT. SKIN: MAY CAUSE IRRIT & DEFATTING
OF SKIN ON PROLONGED CONTACT.

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First Aid Measures
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First Aid:INGEST: IF CONSCIOUS/ABLE TO SWALLOW, GIVE MILK/WATER TO
DRINK (DILUTE). NEVER GIVE ANYTHING BY MOUTH TO
UNCONSCIOUS/CONVULSING PERSON. CALL DR/CHEMTREC IMMED. INDUCE V
OMIT
ONLY IF ADVISED BY DR/CHEMT REC. INHAL: IMMED REMOVE TO FRESH AIR.
IF BREATHING STOPPED, GIVE ARTIF RESP, PREFER MOUTH-TO-MOUTH. GET
MED AID IMMED. CONTACT W/EYE/SKIN: IMMED FLUSH W/COOL WTR. FLUSH
EYE 15 MIN. GET MED AID IMMED.

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Fire Fighting Measures
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Flash Point Method:TCC
Flash Point:50.0F,10.0C
Lower Limits:3.3
Upper Limits:19
Extinguishing Media:DRY CHEMICAL, ALCOHOL FOAM, CARBON DIOXIDE; WATER
MAY BE INEFFECTIVE, BUT M

AY BE USED TO KEEP FIRE EXPOSED CNTNR
COOL.

Fire Fighting Procedures:IF LEAK OR SPILL HAS NOT IGNITED, DISPERSE
VAPOR W/WATER SPRAY & PROTECT MEN ATTEMPTING TO STOP LEAK. WATER
MAY BE USED TO FLUSH SPILL/DILUTE TO NONFLAMMABLE.

Unusual Fire/Explosion Hazard:FIREFIGHTERS SHOULD WEAR SCBA IN POSITIVE
PRESSURE MODE W/FULL FACE PIECE WHEN THERE IS A POSSIBILITY OF
EXPOSURE TO SMOKE, FUMES OR HAZARDOUS DECOMP PROUCTS.

===== Accidental Release Measures =====
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Spill Release Procedures:WEAR RESP PROTECTION & PROTECTIVE CLOTHING.
CONTAIN SPILLED MATERIAL. TRANSFER TO SECURE CONTAINERS. WHERE
NECESSARY, COLLECT USING ABSORBENT MEDIA. REPORT RELEASE IF
QUANTITY IS REPORTABLE UNDER APPL ICABLE LAWS & REGULATIONS.

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

Handling and Storage Precautions:PROTECT CONTAINER AGAINST PHYSICAL
DAMAGE. DETACHED OR OUTSIDE STORAGE IS PREFERRED. INSIDE STORAGE
SHOULD BE IN A NF
PA FLAMM LIQ STORAGE RM/CABINET.

Other Precautions:ELIMINATE IGNIT SOURCES. SMOKING PROHIBITED IN
STORAGE AREAS. ELEC INSTALLATION SHOULD BE IN ACCORD W/ARTICLE 501
(NAT'L ELEC CODE). FOLLOW NFPA 30, FLAMM/COMBUST LIQ
CODE--STORAGE/HANDLING. MAKE FREQ UENT LEAKAGE INSPECTIONS. *

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

Respiratory Protection:WHERE EXPOSURE IS LIKELY TO EXCEED ACCEPTABLE
CRITERIA, USE NIOSH/MSHA REPIRATORY PROTECTION EQUIPMENT.
RES

PIRATORS SHOULD BE SELECTED BASED ON THE FORM & CONCENTRATION OF
CONTAMINANAT IN AIR & IN ACC ORDANCE W/OSHA 29 CFR 1910.134.

Ventilation:HANDLE IN THE PRESENCE OF ADEQUATE VENTILATION.

Protective Gloves:WEAR IMPERVIOUS GLOVES

Eye Protection:SAFETY GLASSES (ANSI Z87.1)(POS CONTACT)

Other Protective Equipment:WEAR PROTECT CLOTH IMPERVIOUS TO PRODUCT FOR
DURATION OF ANTICIPATED EXPOS IF THERE IS POTENTIAL/REPEATED SKIN
CONTACT.

Work Hygienic Practices:N/K * KEEP FROM HEAT/SUN. OPEN W/

CARE. CLOSE

AFTER USE. CNTNR HAZARDOUS WHEN EMPTY. SINCE EMPTIED CNTNR RETAIN

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Supplemental Safety and Health

** RESIDUE, OBSERVE PRECAUTIONS. PROVIDE AUTO SPRINKLER SYS. ISOLATE FROM OXIDIZERS, CHEM CAPABLE OF SPONTANEOUS HEATING, MAT'LS REACT W/AIR/MOISTURE TO LIBERATE HEAT, IGNIT SOURCES/EXPLOSIVES. CONSUL T LOCAL FIRE CODES. BOND/GRND METAL CNTNR WHEN CONTENTS TRANSFERED. NEVER USE PRESSURE TO EMPTY. NOT FOR HOUSEHOLD USE.

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Physical/Chemical Prop
erties =====

HCC:F2

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

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

Vapor Pres:44.6 @ 60F

Vapor Density:1.59

Spec Gravity:0.7981 @ 60 F

Solubility in Water:COMPLETE.

Appearance and Odor:CLEAR AND COLORLESS.

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Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

CONTACT WITH ACETYL CHLORIDE AND A WIDE RANGE OF OXIDIZING AGENTS MAY REACT VIOLENTLY.

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Disposal Considerations =====

Waste Disposal Methods:ALL RECOVERED MATERIAL SHOULD BE PACKAGED, LABELED, TRANSPORTED, AND DISPOSED OF, OR RECLAIMED IN CONFORMANCE WITH APPLICABLE LAWS AND REGULATIONS AND IN CONFORMANCE WITH GOOD ENGINEERING PRACTICES.

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