

AAPER ALCOHOL AND CHEMICAL CO. -- ETHYL ALCOHOL USP - 200 PROOF -- 6505-01-393-1640

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

Product ID:ETHYL ALCOHOL USP - 200 PROOF

MSDS Date:01/01/1998

FSC:6505

NIIN:01-393-1640

Status Code:A

MSDS Number: CJHRK

=== Responsible Party ===

Company Name:AAPER ALCOHOL AND CHEMICAL CO.

Address:11 ISAAC SHELBY DRIVE

Box:339

City:SHELBYVILLE

State:KY

ZIP:40065

Country:US

Info Phone Num:1-800-854-6813 /POISON CONTROL CTR/

Emergency Phone Nu

m:1-202-483-7616-OUTSIDE U.S.

Resp. Party Other MSDS Num.:100-A

Chemtrec Ind/Phone:(800)424-9300

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

CAS:64-17-5

RTECS #:KQ6300000

= Wt:100.

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM

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Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALATION: EXPOSURE TO OVER 1000 PPM
MAY CAUSE HEADACHE, DROWSINESS AND LASSITUDE, LOSS OF APPETITE AND
INABILITY TO CONCENTRATE. IRRITATION OF THE THROAT. INGESTION: CAN
CAUSE DEPRESSION OF CENTRAL NERVOUS SYSTEM, NAUSEA, VOMITING,
DIARRHEA. EYE CONTACT: LIQUID OR VAPOR MAY CAUSE IRRITATI
ON. SKIN
CONTACT: MAY CAUSE IRRITATION AND DEFATTING OF SKIN ON PROLONGED
CONTACT. ETHYL ALCOHOL: FLAMMABLE/N ERVOUS SYSTEM DEPRESSANT.
Effects of Overexposure:SEE HEALTH HAZARDS.

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

First Aid:INGEST: IF VICTIM IS CONSCIOUS & ABLE TO SWALLOW, HAVE VICTIM
DRINK WATER OR MILK TO DILUTE. NEVER GIVE ANYTHING BY MOUTH IF
VICTIM IS UNCONSCIOUS OR HAVING CONVULSIONS. CALL MD OR CHEMTREC
(POISON CO NTROL) IMMED. INDU
CE VOMITING ONLY IF ADVISED BY MD OR
CHEMTREC (POISON CONTROL). INHAL: IMMED REMOVE VICTIM TO FRESH AIR.
IF VICTIM HAS STOPPED BREATHING, GIVE ARTIFICIAL RESPIRATION,
PREFERABLE MOUT H-TO-MOUTH. GET MED ATTN IMMED. SKIN: IMMED FLUSH
AFFECTED AREA WITH PLENTY OF COOL WATER. REMOVE & WASH CONTAMINATED
CLOTHING BEFORE REUSE. GET MED ATTN IMMED. EYES: SHOULD BE FLUSHED
FOR AT LEAST 15 MINUTES. GET MED ATTN IMMED.

===== Fire Fighting Measures =====
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Flash Point Method:TCC
Flash Point:=13.3C, 56.F
Autoignition Temp:=362.8C, 685.F
Lower Limits:3.3%
Upper Limits:19%
Extinguishing Media:USE DRY CHEMICAL, "ALCOHOL" FOAM, OR CARBON
DIOXIDE.
Fire Fighting Procedures:USE NIOSH APPRVD SCBA & FULL PROT EQUIP .
(NOTE:INDIVIDUALS SHOULD PERFORM ONLY THOSE FIRE-FIGHTING PROCS FOR
WHICH THEY HAVE BEEN TRAINED.) WATER MAY BE INEFT, BUT WATER SHOULD
BE USED TO KEEP FIRE-EXPOS CNTNRS COOL. IF LEAK/SPILL HAS NOT
IGNITED, USE WAT

ER SPRAY TO DISPERSE VAPS & TO PROT MEN

ATTEMPTING(SUPDAT)

Unusual Fire/Explosion Hazard:NFPA RATING: HEALTH - 0; FIRE - 3;

REACTIVITY - 0. (DOES NOT APPLY TO EXPOSURE HAZARD OTHER THAN DURING A FIRE.)

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

Spill Release Procedures:AVOID UNCONTROLLED RELEASES OF THIS MATL.

WHERE SPILLS ARE POSSIBLE, COMPREHENSIVE SPILL RESPONSE PLAN SHOULD BE DEVELOPED & IMPLEMENTED. WEAR APPROP NIOSH APPRVD RESP PROT & PROT

CLTHG. CONTAIN SPILL ED MATL. TRANSFER TO SECURE CNTNRS. WHERE NEC, COLLECT USING ABSORB MEDIA. IN EVENT OF UNCONTROLLED RELEASE OF THIS MATL, USER SHOULD DETERMINE IF RELEASE IS REPORTABLE UNDER APPLIC LAWS & REGS.

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

Handling and Storage Precautions:PROT CNTNR AGAINST PHYSICAL DMG.

DETACHED/OUTSIDE STOR IS PREF. INSIDE STOR SHOULD BE IN NFPA APPRVD FLAMM LIQ STOR ROOM/CABINET. ALL IGNIT SOURCES SHOULD BE EL

IM.

SMOKING SHOULD BE PROHIBITED IN STOR & USAGE AREAS. ELEC INSTALLATIONS SHOULD BE I/A/W ARTICLE 501 OF NATL ELEC CODE.

Other Precautions:NFPA 30, FLAMM & COMBUST LIQS CODE, SHOULD BE FOLLOWED FOR STOR & HNDLG. FREQUENT CAREFUL LEAKAGE INSPECTIONS SHOULD BE DONE. AUTOMATIC SPRINKLIER SYS SHOULD BE PROVIDED. ISOLATE FROM OXIDIZERS, CHEMS CAPABLE OF SPONT HEATING, MATLS REACTING W/AIR OR MOISTURE TO LIBERATE HEAT, IGNIT SOURCES & EXPLOS . CONSULT (SUPDAT)

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

Respiratory Protection:WHERE EXPOSURE IS LIKELY TO EXCEED ACCEPTABLE CRITERIA, USE NIOSH APPROVED RESPIRATORY PROTECTION EQUIPMENT.

RESPIRATORS SHOULD BE SELECTED BASED ON FORM & CONCENTRATION OF CONTAMINANT IN AIR & I/A/W OSHA (29 CFR 1910.134).

Ventilation:HANDLE IN THE PRESENCE OF ADEQUATE VENTILATION.

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:ANSI APPROVED CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:E

YE WASH & DELUGE SHOWER MTG ANSI DESIGN

CRIT . WEAR PROT CLOTHING WHICH IS IMPERV TO PRODUCT FOR DURATION
OF ANTICIPATED EXPOSURE IF THERE IS POTENTIAL FOR PROLONGED OR
REPEATED SKIN CONTACT.

Supplemental Safety and Health

FIRE FIGHT PROC:TO STOP LEAK. WATER SPRAY MAY BE USED TO FLUSH SPILLS
AWAY FROM EXPOS & TO DILUTE SPILLS TO NONFLAMM MIXTS (NFPA 49
1991). OTHER PREC:LOC FIRE AUTHS FOR ADDNL STOR INFO. WHEN CONTENTS
ARE BEING TRANSFERRED, METALLIC CNTNR MUST BE BONDED
TO RECEIVING
& GROUNDED TO AVOID STATIC DISCHARGES. (OTHER INFO)

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

Boiling Pt:=-113.9C, -173.F

Melt/Freeze Pt: