

AAPER ALCOHOL AND CHEMICAL CO. -- SPECIALLY DENATURED ALCOHOL, 3A, 200 PROOF --
6810-00-577-4889

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

Product ID:SPECIALLY DENATURED ALCOHOL, 3A, 200 PROOF

MSDS Date:11/01/1998

FSC:6810

NIIN:00-577-4889

Status Code:A

MSDS Number: CKJWX

=== Responsible Party ===

Company Name:AAPER ALCOHOL AND CHEMICAL CO.

Address:1101 ISAAC SHELBY DRIVE

Box:339

City:SHELBYVILLE

State:

KY

ZIP:40066-0339

Country:US

Info Phone Num:502-633-0650

Emergency Phone Num:502-633-0650 OR 800-854-6813

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

Company Name:MEXPAR INTL, INC

Address:532 W. FOOTHILL BLVD

Box:City:AZUSA

State:CA

ZIP:91702

Country:US

Phone:626-812-6211

Contract Num:SP0450-00-M-SA59

CAGE:0P0U1

===== Composi

tion/Information on Ingredients =====

Ingred Name:ETHYL ALCOHOL (ETHANOL)

CAS:64-17-5

RTECS #:KQ6300000

= Wt:95.22

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9192

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

CAS:67-56-1

RTECS #:PC1400000

= Wt:4.78

OSHA PEL:S,200PPM/250STEL

ACGIH TLV:S,200PPM/250STEL; 93

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Car

cinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EXPOSURE TO ETHYL ALCOHOL CAN PRODUCE CENTRAL NERVOUS SYSTEM EFFECTS. INGESTION RESPONSE MAY VARY.AS LITTLT AS 30 ML OF METHYL ALCOHOL HAS BEEN FATAL TO HUMANS.AS LITTLE A 4 ML MAY PRODUCE TOXIC EFFEC TS.

Explanation of Carcinogenicity:NONE LISTED

Effects of Overexposure:EYE

IRRITATION,DROWINESS,NAUSEA,VOMITING,CENTRAL NERVOUS SYSTEM DEPRESSION

Medical Cond Aggravated by Exposure:NONE REPORTED

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

First Aid:EYE:FLUSH WITH WATER 15 MIN. SKIN:WASH WITH SOAP & WATER. INHALED:REMOVE TO FRESH AIR. IF VICTIM HAS STOPPED BREATHING, GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH-TO-MOUTH. GET MEDICAL ATTENTION. I NGESTED:GIVE WATER OR MILK.INDUCE VOMITING REPEAT UNTIL VOMIT IS CLEAR. NEVER GIVE ANYTHING BY MOUTH IF VICTIM IS UNCONSCIOUS OR HAVING CONVULSION. GET MEDICAL ATTENTION.

===== Fire Fighting

Measures =====

Flash Point Method:TCC

Flash Point:=12.8C, 55.F

Autoignition Temp:=362.8C, 685.F

Lower Limits:3.3

Upper Limits:19

Extinguishing Media:WATER,FOAM,CARBON DIOXIDE,DRY CHEMICAL

Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS. BURN WITH INVISIBLE FLAME.

Unusual Fire/Explosion Hazard:EXPOSURE TO SMOKE,VAPORS DURING DECOMPOSITION.

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

Spill Release Procedures:WEAR APPROPRIATE RESPIRATORY PROTECTION AND

PROTECTIVE CLOTHING AS DESCRIBED IN SECTION IX. CONTAIN SPILLED MATERIAL. TRANSFER TO SECURE CONTAINERS. WHERE NECESSARY, COLLECT USING ABSORBENT MEDIA. IN THE EVENT OF AN UNCONTROLLED RELEASE OF THIS MATERIAL, THE USER SHOULD DETERMINE IF THE RELEASE IS REPORTABLE UNDER APPLICABLE LAWS AND REGULATIONS.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:DETACHED OR OUTSIDE STORAGE IS

PREFERRED. INSIDE STORAGE SHOULD BE IN AN NFPA APPROVED FLAMMABLE LIQUID STORAGE ROOM. ALL IGNITION SOURCES SHOULD BE ELIMINATED.

Other Precautions:CONTAINERS ARE HAZARDOUS WHEN EMPTY. SINCE EMPTIED CONTAINERS RETAIN RESIDUAL PRODUCT.

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

Respiratory Protection:USE NIOSH RESPIRATOR FOR ORGANIC VAPOR IF EXPOSED ABOVE TLV.

Ventilation:CENTRAL VENTILATION OR LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV.

Prot

ective Gloves:IMPERVIOUS GLOVES.

Eye Protection:SAFETY GLASSES

Work Hygienic Practices:USE GOOD INDUSTRIAL HYGIENE PRACTICE. AVOID ALL UNNECESSARY CONTACT

Supplemental Safety and Health

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

HCC:F2

Boiling Pt:=78.3C, 173.F

Vapor Pres:44.6 MMHG

Vapor Density:1.59

Spec Gravity:0.8150

Evaporation Rate & Reference:1.9

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR,COLORLESS LIQUID.

Percent Volatiles by Volume:99.9

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

Stability Indicator/Materials to Avoid:YES

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

Stability Condition to Avoid:HEAT,IGNITION SOURCES

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

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

===== MSDS Transport Information =====

Transport Information:DOT: ETHANOL SOLUTIONS, HAZARD CLASS 3, UN1170, PKG II.

===== Regulatory Information =====

Federal Regulatory Information:THIS PRODUCT IS LISTED UNDER TSCA INVENTORY LIST.

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