

AAPER ALCOHOL AND CHEMICAL CO. -- PROP SOLV 2,190 PROOF -- 6810-00-205-6786

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Product Identification  
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Product ID:PROP SOLV 2,190 PROOF

MSDS Date:01/01/1987

FSC:6810

NIIN:00-205-6786

MSDS Number: BHMZ

=== 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

E

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

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Composition/Information on Ingredients  
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Ingredient Name:ETHYL ALCOHOL (ETHANOL)

CAS:64-17-5

RTECS #:KQ6300000

Fraction by Wt: 86.52%

Other REC Limits:NONE SPECIFIED

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9192

Ingredient Name

me:METHYL ALCOHOL (METHANOL) (SARA III)  
CAS:67-56-1  
RTECS #:PC1400000  
Fraction by Wt: 3.66%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:S,200PPM/250STEL  
ACGIH TLV:S,200PPM/250STEL; 93  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:ETHYL ACETATE (SARA III)  
CAS:141-78-6  
RTECS #:AH5425000  
Fraction by Wt: 0.94%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:400 PPM  
ACGIH TLV:400 PPM; 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:RUBBER HYDROCARBON SOLVENT  
Fraction by Wt: 0.83%

Ingred  
Name:METHYL ISOBUTYL KETONE (SARA III)  
CAS:108-10-1  
RTECS #:SA9275000  
Fraction by Wt: 0.96%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:100 PPM/75 STEL  
ACGIH TLV:50 PPM/75 STEL; 9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:WATER  
CAS:7732-18-5  
RTECS #:ZC0110000  
Fraction by Wt: 7.09%  
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:N

O OSHA:NO

Health Hazards Acute and Chronic:ACUTE: INHALATION:MAY CAUSE HEADACHE, DROWINESS & LASSITUDE, LOSS OF APPETITE & INABILITY TO CONCENTRATE. IRRITATION OF THE THROAT. INGESTION:CAN CAUSE DEPRESSION OF CNS, NAUSEA, VOMITING & DIARRHEA. EYE:LIQUID OR VAPOR MAY CAUSE IRRITATION. SKIN:MAY CAUSE IRRITATION AND DEFATTING OF SKIN ON PROLONGED CONTACT.

Explanation of Carcinogenicity:DATA PER MSDS

Effects of Overexposure:MAY CAUSE EYE, SKIN & RESPIRATORY TRACT IRRITATION.

INDIVIDUAL RESPONSES TO METHYL ALCOHOL VARY. INGESTION OF LESS THAN 30 ML HAS BEEN FATAL TO HUMANS. IN GENERAL, A FEW OUNCES MAY CAUSE BLINDNESS AND DEATH; AS LITTLE AS 4 ML MAY BE TOXIC IF INGESTED. MAY CAUSE HEADACHE, DROWINESS, CNS DEPRESSION, NAUSEA, & DIARRHEA.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS OR WITH A PRE-EXISTING DISEASE INVOLVING THE SKIN, EYE, RESPIRATORY TRACT, LIVER OR KIDNEY MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING. GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. SKIN:REMOVE CONTAMINATED CLOTHIN G. FLUSH WITH WATER. IF IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION:DO NOT INDUCE VOMITING UNLESS INSTRUCTED TO DO SO. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:=15.6C, 60.F

Autoignition Temp:=362.8C, 685.F

Lower Limits:3.3

Extinguishing Media:DRY CHEMICAL, ALCOHOL FOAM, CARBON DIOXIDE, WATER MAY BE INEFFECTIVE, BUT USED TO KEEP FIRE EXPOSED CONTAINERS COOL.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE

Unusual Fire/Explosion Hazard:WEAR SCBA IN THE POSITIVE PRESSURE MODE  
W/ FULL FACEPIECE WHEN THER IS A POSSIBI-LITY OF EXPOSURE TO SMOKE,  
FUMES, OR HAZARDOUS DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:WEAR APPROPRIATE RESPIRATORY PROTECTION AND  
PROTECTIVE CLOTHING. CONTAIN SPILLED MATERIAL. TRANSFER TO SECURE  
CONTAINERS. WHERE NECESSARY, COLLECT USING ABSORBENT MEDIA.  
ELIMINATE ANY SOURCE OF IGNITI  
ON. VENTILATE AREA. WASH RESIDUE  
WITH WATER.  
Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN A FLAMMABLE LIQUID STORAGE  
ROOM OR CABINET. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE.  
PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION  
EXPOSURES BELOW PEL(TL  
V), USE NIOSH/MSHA APPROVED RESPIRATORS.  
RESPIRATORS SHOULD BE SELECTED BASED ON THE FORM AND CONCENTRATION  
OF CONTAMINANT IN AIR & IN ACCORDANCE WITH OSHA (29 CFR 1910.134).  
Ventilation:MECHANICAL (GENERAL) ROOM VENTILATION IS NORMALLY ADEQUATE.  
LOCAL EXHAUST MAY BE REQUIRED IF WORK AREA NOT VENTED.  
Protective Gloves:NEOPRENE, NITRILE, VPC OR NATURAL RUBBER  
Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD  
Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.  
INDU  
STRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.  
Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND  
RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR  
FOOTWEAR.  
Supplemental Safety and Health  
NK

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

HCC:F5  
NRC/State Lic Num:NOT RELEVANT  
Boiling Pt:=78.3C, 173.F  
Melt/Freeze Pt:=-113.7C, -173.F  
Vapor Pres:44.6 @ 68F  
Vapor Density:1.59  
Spec Gravity:0.8150 @ 60/60F  
Solubility in Water:COMPLETE  
Appea

rance and Odor: CLEAR AND COLORLESS

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

Stability Indicator/Materials to Avoid: YES

ACETYL CHLORIDE AND OXIDIZING AGENTS MAY REACT VIOLENTLY

Stability Condition to Avoid: HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Hazardous Decomposition Products: CARBON MONOXIDE CAN FORM ON INCOMPLETE COMBUSTION.

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

Waste Disposal Methods: ALL RECOVERED MATERIAL SHOULD BE PACKAGED,

LABELED, TRANSPORTED, AND DISPOSED OR RECLAIMED IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS AND IN CONFORMANCE WITH GOOD ENGINEERING PRACTICES.

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