

AAPER ALCOHOL AND CHEMICAL CO -- METHANOL 0C265,3016,611 -- 6810-00-753-4783

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Product Identification  
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Product ID:METHANOL 0C265,3016,611

MSDS Date:01/01/1987

FSC:6810

NIIN:00-753-4783

MSDS Number: BJJFV

=== 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: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:HONEYWELL INTL INC ENVIRONMENTAL SYSTEMS AND SERVICES

Address:101 COLUMBIA RD

Box:City:MORRISTOWN

State:NJ

ZIP:07962

Country:US

Phone:973-455-3922

CAGE:70308

Company Name:MALLINCKRODT INC

Address:675 MCDONNELL BLVD

Box:5840

City:ST. LOUIS

State:M

O  
ZIP:63134  
Country:US  
Phone:314-539-1600  
CAGE:37940

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Composition/Information on Ingredients  
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Ingred Name:METHYL ALCOHOL (METHANOL) (SARA III)  
CAS:67-56-1  
RTECS #:PC1400000  
Fraction by Wt: >99%  
OSHA PEL:S,200PPM/250STEL  
ACGIH TLV:S,200PPM/250STEL; 93  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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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:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHAL:PROLONGED/REPEATED EXPOS,BRTHNG  
VERY HIGH CONC MAY CAUSE HEADACHES,NAUSEA,VOMIT,DIZZ,VISUAL  
DISTURB,GIDD,INTOXICATION,SLEEPINESS,UNCON,& DEATH.INGEST:CAN BE  
FATAL.SML QUANT CAN CAUSE BLINDNESS,D  
IZZ,HEADACHES,NAUSEA.EYES:VAPORS WILL IRRIT.LIQUID & MISTS WILL  
IRRIT & MAY BURN.SKIN:BRIEF CONTACT MAY DRY.  
Explanation of Carcinogenicity:NOT RELEVANT  
Effects of Overexposure:INHAL:MAY ONLY  
BE MILD INTOXICATION BUT MAY  
BECOME MORE SEVERE AFTER 12-18 HOURS.TOXIC EFT ARE EXERTED ON  
CNS,ESPECIALLY OPTIC NERVE.INGEST:ABSORPTION IS RAPID BUT EXCRETION  
IS SLOW RESULTING IN DELAY ED EFT OR CMPDNG EFT OF RPTD  
EXPOS.SKIN:ABSORBED THROUGH INTACT SKIN TO PRODUCE SYSTEMIC  
EFFECTS.  
Medical Cond Aggravated by Exposure:SEE SIGNS & SYMPTOMS

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First Aid Measures  
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First Aid:INGEST:IF CON,IMMED INDUCE VOMIT W/2 GLASSES OF WATER &

STICKING FINGER DOWN THROAT.GET MD.IMMED AFTER VOMIT,DRINK MILK,WATER OR SOLN OF SODIUM BICARB IN WATER.GIVE NOTHING TO UNCON/CONVULSIVE PERSON. INHAL:REMOVE TO FRESH AIR.GIVE CPR IF NOT BRTHNG.GET MD.EYES:IMMED FLUSH W/LOTS OF RUNNING WATER FOR 15 MIN,LIFTING UPPER/LOWER LIDS OCCASIONALLY.GET MD.SKIN:IMMED WASH W/LOTS OF SOAP & WATER.

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

Flash Point Method:TCC

Flash Point:54.0F,12.2C

Lower Limits:6.7

Upper

Limits:36.0

Extinguishing Media:USE WATER SPRAY, DRY CHEMICAL, CO\*2, OR ALCOHOL FOAM. DO NOT USE A DIRECT WATER STREAM.

Fire Fighting Procedures:WEAR SCBA AND FULL PROTECTIVE CLOTHING.USE WATER SPRAY TO COOL NEARBY CONTRS AND STRUCTURES EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:EXTINGUISH ALL NEARBY SOURCES OF IGNIT. THIS PROD MAY BURN W/FLAME WHICH IS INVISIBLE IN DAYLIGHT.MIXTURES W/WATER AND AS LITTLE AS 21% METHANOL ARE FLAMMABLE.

===== Accidental Release

Measures =====

Spill Release Procedures:WEAR PROT EQUIP(RUBBER:BOOTS,GLOVES,APRON,SCBA IN PRESS DEMAND MODE/SUPPLIED-AIR RESP).SPILL SM:FULL FACEPIECE AIR PURIFYING CARTRIDGE RESP.EQUIP ORGANIC VAPORS SATIS.ALWAYS WEAR EYE PROT.EXTING ALL I GNIT SOURCES & GROUND ALL HANDLING.SEE SUPP DATA

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP AWAY HEAT,SPARKS & FLAM ES.STORE

COOL,DRY,WELL-VENT PLACE AWAY INCOMPAT MATLS.VENT CONTR FREQUENT,MORE OFTEN WARM WEATHER.KEEP CONTR TIGHTLY CLSED

Other Precautions:ALWAYS OBEY HAZARD WARNINGS AND HANDLE EMPTY CONTRS AS IF FULL.ELECTRICALLY GROUND ALL EQUIP WHEN HANDLING,USE ONLY NON-SPARKING TOOLS.KEEP TIGHTLY CLOSED.DO NOT USE PRESSURE TO EMPTY. SEE SUPP DATA

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

Respiratory Protection:WEAR NIOSH-APPROVED SCBA IN THE PRESSURE DEMAND

MODE,OR A SUPPLIED-AIR RESP IF USE CONDITIONS GENERATE VAPORS OR MISTS.

Ventilation:LOCAL MECHANICAL EXHAUST VENTILATION CAPABLE OF MAINTAINING EMISSIONS AT THE POINT OF USE BELOW THE PEL.

Protective Gloves:RUBBER GLOVES

Eye Protection:CHEM GOGGLES/FULL FACEPIECE/NO CONTACTS

Other Protective Equipment:LONG-SLEEVED SHIRT,TROUSERS,SAFETY SHOES,AND RUBBER APRON.

Work Hygienic Practices:EYEWASH/SAFETY SHOWER SHOULD BE NEARBY/READY FOR USE.WASH THOROUGHLY AFTER HNDLNG.DO NOT GET IN EYES ON SKIN OR ON CLTHG

Supplemental Safety and Health

SPILL PROC:EQUIP MOP/WIPE UIP & DISPOSE DOT APPROVED WASTE CONTR.LGE SPILL:CONTAIN BY DIKING W/SOIL OTHER NON-COMBUSTIBLE ABSORB MATL & PUMP DOT APPROVED CONTR.KEEP OUT OF SEWERS,STORM DRAINS,SURFACE WATER,SOIL.COMPLY W/APPLICABLE GOVT REGS.OTHER PROC:DO NOT CUT,GRIND,WELD OR DRILL ON OR NEAR THIS CONTR.

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

HCC:F5

Boiling Pt:B.P. Text:144-148.5

Vapor

Pres:44.6

Vapor Density:1.1

Spec Gravity:0.79

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR AND COLORLESS

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS,ALUMINUM,ZINC,ANY METAL THAT DISPLACES HYDROGEN,CERTAIN PLASTICS,RUBBERS,ACIDS AND ALKALIS.

Stability Condition to Avoid:HEAT, SPARKS, AND OPEN FLAMES.

Hazardous Decomposition Products:MAY LIBERATE CARBON MONOXIDE,CARBON DIOXIDE,FORMALDEHY

DE & UNIDENTIFIED ORGANIC COMPOUNDS IN BLACK SMOKE.

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

Waste Disposal Methods:DISPOSE CONTAM PROD & MATLS IN DOT APPROVED WASTE CONTR.ALL RECOVERED MATL SHOULD BE PACKAGED,LABELED,AND TRANSPORTED I/A/W FED,STATE & LOCAL REGS.EMPTY CONTR HAVE RESIDUES,GASES,MISTS.SUBJECT TO PROP ER WASTE DISPOSAL.

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