

ARCO CHEMICAL COMPANY -- METHANOL -- 6810-00-275-6010

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Product Identification
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Product ID:METHANOL

MSDS Date:01/01/1987

FSC:6810

NIIN:00-275-6010

MSDS Number: BDSGV

=== Responsible Party ===

Company Name:ARCO CHEMICAL COMPANY

Address:1500 MARKET STREET

Box:7258

City:PHILADELPHIA

State:PA

ZIP:19101

Country:US

Info Phone Num:800-321-7000

Emergency Phone Num:215-353-8300

CAGE:3D253

=== Con

tractor Identification ===

Company Name:ARCO CHEMICAL COMPANY, DIV OF ATLANTIC RICHFIELD

Address:1500 MARKET STREET

Box:7258

City:PHILADELPHIA

State:PA

ZIP:19101

Country:US

Phone:215-353-8300,CHEMTREC 800-424-9300

CAGE:3D253

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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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Effects of Overexposure:EYES:MOD IRRIT/BURNING;SKIN:ABSORBS THRU.CAUSES IRRIT/DERMTITS;INH:DIZZ BRTHG DIFF;INGEST:SEE SUPPL

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First Aid Measures
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First Aid:SKIN:WASH W.SOAP & H*2O EYES:FLUSH W. H*2O. INGESTED:GIVE 2 GLASSES H*2O; INDUCE VOMITING.CALL A PHYSICIAN. INHALE:REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NEED. KEEP WARM & QUIET. REMOVE CONTAMINATED CLOTHING.
IF UNCONS DO NOT TAKE ANYTHINGBY MOUTH.

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Fire Fighting Measures
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Flash Point:50F/10C (CC)
Lower Limits:6.0
Upper Limits:36.0
Extinguishing Media:DRY CHEMICAL, WATER SPRAY/FOG, CO*2, FOAM
Fire Fighting Procedures:FIGHT FIRE FM DISTANCE.USE SCBA.COOL CONTNR W/WATER SPRAY.
Unusual Fire/Explosion Hazard:VAPORS W/AIR EXPOSD TO IGN SOURCES CAN BURN OR EXPLODE.MAY CORRODE CERTAIN METALS & GIVE H*2 GAS.

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Accidental Release Measure
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Spill Release Procedures:ELIMINATE IGNITION SOURCES. STOP LEAK. EVACUATE AREA.DO NOT TOUCH SPILLAGE. SM SPILL:ABSORB W. INERT ABSORBENT. PLACE IN CLOSED CONTAINER. FLUSH AREA W. WATER. LG SPILL: DIKE AHEAD FOR LATER DISPOSAL. NOTIFY AUTHORITIES.

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Handling and Storage
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Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED,LOW FIRE RISK AREA. PROTECT FROM PHYSICAL DAMAGE.KEEP CONTAINERS CLOSED.
MAINTAIN STRICT HYGIENE FOR CHEM HANDLING.
Other Precautions:AVOID INHALATION OF VAPORS.DO NOT DRINK-EVEN SM AMT OF METHANOL CAN CAUSE BLINDNESS.USE W/ADEQUATE VENTILATION.AVOID CONTACT W/SKIN.USE NON-SPARKING TOOLS TO HANDLE.DO NOT STORE IN AL/ZN DRUMS

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Exposure Controls/Personal Protection
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Respiratory Protection:SELF-CONTAINED BRTHNG APPAR IF EXPOSURE IS PROLONGED
Ventilation:MECHANICAL REQUIRED
Protective Gloves:RUBBER GLOVES
Eye Protection:FACE

SHIELD OR GOGGLES

Other Protective Equipment:LAB COAT OR OVERALL

Supplemental Safety and Health

MSDS FROM ARCO CHEM CO EFFECTIVE:5/21/86; OVEREXPOSURE-INGESTION:MAY CAUSE DEATH(EVEN SM AMT).MAY DAMAGE OPTIC NERVE & CAUSE BLINDNESS.CAUSES HEAD,DIZZ ETC;SPEC REF: O-M-232F,GRADE A.

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

HCC:F2

Boiling Pt:B.P. Text:149F

Vapor Pres:96

Vapor Density:1.11

Spec Gravity:0.79

Evaporation Rate & Reference:(ETHYL ETHER=1).5

Solubi

lity in Water:COMPLETE

Appearance and Odor:CLEAR COLORLESS LIQ.FAINT ALCOHOL ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:HEAT, IGNITION SOURCES

Hazardous Decomposition Products:INCOMPLETELY BURNED CARBON PRODUCTS, CO*2, CO.

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

Waste Disposal Methods:INCINERATE IN APPR

OVED INCINERATOR OR DISPOSE OF

IN APPROVED CHEMICAL DUMP IN ACCORDANCE WITH LOCAL,STATE & FEDERAL REGULATIONS.

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