

ARCO CHEMICAL CO.,SUB ATLANTIC RICHFIELD CO. -- METHYL ETHYL KETONE --  
6810-00-281-2763

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

Product ID:METHYL ETHYL KETONE

MSDS Date:05/21/1986

FSC:6810

NIIN:00-281-2763

MSDS Number: BGXTH

=== Responsible Party ===

Company Name:ARCO CHEMICAL CO.,SUB ATLANTIC RICHFIELD CO.

Address:3801 WEST CHESTER PIKE

City:NEWTON SQUARE

State:PA

ZIP:19073

Info Phone Num:215-557-200

0

Emergency Phone Num:215-353-8300

CAGE:ARCO

=== Contractor Identification ===

Company Name:ARCO CHEMICAL CO

Address:3801 WEST CHESTER PIKE

Box:City:NEWTON SQUARE

State:PA

ZIP:19073

Country:US

Phone:800-321-7000

CAGE:ARCO

Company Name:CHEMLINK DIV OF PONY INDUSTRIES INC

Address:2 COUNTRY VIEW RD

Box:City:MALVERN

State:PA

ZIP:19355

Country:US

Phone:215-640-2200

CAGE:1DG40

Company Name:VAN WATERS AND ROGERS DIV OF UNIVAR CORP.

Address:650 W 8TH SOUTH

Box:2369

City:SALT LAKE CITY

State:UT

ZIP:841

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Country:US

Phone:801-328-1112/CHEMTREC 800-424-9300

CAGE:5T823

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Composition/Information on Ingredients  
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Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)

CAS:78-93-3

RTECS #:EL6475000

Fraction by Wt: 99%

OSHA PEL:200 PPM/300 STEL

ACGIH TLV:200 PPM/300STEL 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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Hazards Identification  
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Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:PRODUCT IS IRRITATING TO BODY TISSUES.

IT ALSO DEPRESSES CENTRAL NERVOUS SYSTEM. MEK IS NOT NEUROTOXIC (PER ANIMAL TESTS) BUT DOES ENHANCE THE NEUROTOXICITY OF HEXANE AND SIMILAR ALKANES.

Effects of Overexposure:EYE/SKIN:IRRITATION. INHALED:RESPIRATORY IRRITATION,DIZZINESS,INTOXICATION,COLLAPSE. INGESTED:"HEALTH HAZARD". HMIS:EXPECT G/I IRRITATION,NAUSEA,INTOXICATION.

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First Aid Measures =  
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First Aid:EYE:FLUSH WITH WATER 15 MIN. SKIN:REMOVE CONTAMINATED CLOTHING. WASH AREA WITH SOAP AND WATER. LAUNDER CLOTHING BEFORE REUSE.INHALED:REMOVE FROM EXPOSURE. GIVE ARTIFICIAL RESPIRATION OR OXYGEN IF NEED ED. INGESTED:DO NOT INDUCE VOMITING. GIVE WATER OR MILK. (NOTHING BY MOUTH IF UNCONSCIOUS) GET IMMEDIATE MEDICAL CARE. IF SYMPTOMS PERSIST OR ARE SEVERE,GET MEDICAL CARE.

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Fire Fighting Measures  
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sh Point Method:TCC  
Flash Point:20F/-7C  
Autoignition Temp:Autoignition Temp Text:960F  
Lower Limits:2  
Upper Limits:12

Extinguishing Media:CARBON DIOXIDE,DRY CHEMICAL,FOAM,WATER FOG OR SPRAY  
MAY BE USED FOR COOLING.

Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS. USE  
WATER STREAM WITH CAUTION AS IT MAY SPREAD FIRE.

Unusual Fire/Explosion Hazard:FLASHBLACK ALONG VAPOR TRAIL MAY OCCUR.

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

Spill Release Proce

dures:ELIMINATE IGNITION SOURCES. VENTILATE AREA.

STOP LEAK. ADSORB WITH INERT MATERIAL. STORE IN CLOSED CONTAINERS  
PENDING DISPOSAL.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN A COOL,DRY,WELL VENTILATED  
AREA. KEEP TIGHTLY CLOSED. GROUND CONTAINERS BEFORE TRANSFERRING  
PRODUCT. KEEP AWAY FROM ALL SOURCES OF IGNITION.

Other Precautions:APPLY ALL SAFETY PRECAUTIONS TO EMPTY CONTAINERS.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR EQUIPPED WITH  
CARTRIDGE FOR ORGANIC VAPORS/MISTS OR SUPPLIED AIR RESPIRATOR IF  
EXPOSED ABOVE TLV/PEL.

Ventilation:USE NORMAL ROOM VENTILATION SUPPLEMENTED.

Protective Gloves:RUBBER,PLASTIC,OTHER IMPERVIOUS.

Eye Protection:SAFETY GLASSES OR SPLASH GOGGLES.

Other Protective Equipment:CLOTHING TO PREVENT SKIN CONTACT AS DICTATED  
BY JOB.

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

Supplemental Safety and Health  
COMPANY ID NO E000012600. MSDS NO HCR000126.

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

HCC:F2

Boiling Pt:B.P. Text:174F/79C

Melt/Freeze Pt:M.P/F.P Text:-123F/-86C

Vapor Pres:71.2 MM

Vapor Density:2.5

Spec Gravity:0.81

Viscosity: