

ARCO CHEMICAL COMPANY -- METHYL ETHYL KETONE -- 6810-00-281-2762

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Product Identification  
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Product ID:METHYL ETHYL KETONE

MSDS Date:05/21/1986

FSC:6810

NIIN:00-281-2762

MSDS Number: BDSVF

=== 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:215-353-8

300

CAGE:3D253

=== Contractor 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

Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT INC

Address:2210 HACKBERRY LN

Box:687

City:CONROE

State:TX

ZIP:77305

Country:US

Phone:409-756-1065

CAGE:4N760

Company Name:PACKAGING SERVICES INC

Address:472 SHANK RD

Box:875

City:PEARLAND

State:TX

ZIP:

77581  
Country:US  
Phone:713-485-1457  
CAGE:9V846

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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: 99.0%  
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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LD50 LC50 Mixture:LD50 = 2737 MG/KG (RAT)  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE:IRRITATION OF EYES,SKIN AND  
RESPIRATORY TRACT; MAY CAUSE COUGHING,SHORTNESS OF  
BREATH,DIZZINESS, INTOXICATION AND COLLASPE.  
CHRONIC:DERMATITIS,BLISTERING OF SKIN,CNS DEPRESSION.  
Effects of Overexposure:INHAL:RESP.IRRITATION,CNS DEPRESSION,  
HEADACHE,DIZZINESS,NUMBNESS.EYES&SKIN:IRRITATION.SKIN;DERMATITS  
Medical Cond Aggravated by Exposure:PRE-EXISTING CONDITIONS MAY BE  
WORSEN.

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First Aid Measures  
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First Aid:INHALE:REMOVE TO FRESH AIR, GIVE CPR/O2 IF  
NEED;EYES/SKIN:FLUSH W LG AMTS H2O FOR 15 MIN;INGEST:RINSE MOUTH;  
GET MEDICAL ATTENTION FOR EYES, BREATHING DIFFICULTY, OR OTHER  
SYMPTOMS OF OVEREXPOSURE.

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Fire Fighting Measures  
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Flash Point Method:TCC  
Flash Point:24.0F,-4.4C  
Autoignition Temp:Autoignition Temp Text:960F  
Lower Limits:2.0  
Upper Limits:12.0  
Extinguishing Medi

a: DRY CHEMICAL, FOAM, CO2

Fire Fighting Procedures: USE PROTECTIVE CLOTHING. IN CONFINED AREA, USE SCBA NIOSH APP

Unusual Fire/Explosion Hazard: WHEN MIXED WITH AIR AND EXPOSED TO A SOURCE OF IGNITION, CAN BURN IN THE OPEN OR EXPLODE.

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

Spill Release Procedures: USE ABSORBENT MATERIAL AND RECOVER IN A CLOSED CONTAINER. AVOID INHALATION AND SKIN CONTACT. USE FULL PROTECTIVE EQUIPMENT AND ADEQUATE VENTILATION.

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

Handling and Storage Precautions: STORE AWAY FROM EXCESSIVE HEAT, SOURCES OF IGNITION AND REACTIVE MATERIALS. STORE IN COOL DRY AREA. PROVIDE ADEQUATE VENTILATION.

Other Precautions: DO NOT INHALE VAPORS. AVOID SKIN AND EYE CONTACT.

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

Respiratory Protection: USE NIOSH/MESHA APPROVED RESPIRATOR FOR MEK. SCBA IN CONFINED AREAS

Ventilation: PROVIDE MECHAN(GEN/LOCAL EXHAUST) VENT TO MAINTN