

EXXON CHEMICAL AMERICAS -- METHYL ETHYL KETONE -- 6810-00-281-2763

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

Product ID:METHYL ETHYL KETONE

MSDS Date:11/19/1993

FSC:6810

NIIN:00-281-2763

MSDS Number: BDSVQ

=== Responsible Party ===

Company Name:EXXON CHEMICAL AMERICAS

Box:3272

City:HOUSTON

State:TX

ZIP:77001

Country:US

Info Phone Num:713-870-6885

Emergency Phone Num:713-870-6000/800-424-9300(CHEMTREC)

C

AGE:72190

=== Contractor Identification ===

Company Name:AMJAY CORP. DBA AMJAY CHEMICALS

Address:11200 WESTHEIMER SUITE 310

Box:218786

City:HOUSTON

State:TX

ZIP:77218-8786

Country:US

Phone:713-492-2000

CAGE:64184

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:EXXONMOBIL CHEMICAL CO, DIV OF EXXON MOBILCORP.

Address:13501 KATY FWY

Box:3272

City:HOUSTON

State:TX

ZIP:77253-32

72

Country:US

Phone:281-870-6000 / 800-726-2015

CAGE:72190

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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: 100%

OSHA PEL:200 PPM/300 STEL

ACGIH TLV:200 PPM/300STEL 9293

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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Hazards Identification
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LD50 LC50 Mixture:TLV IS 200 PPM TWA.

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

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

Health Hazards Acute and Chronic:ACUTE: SEVERELY IRRITATING TO EYES.

MAY INJURE EYE TISSUE AND CAUSE PERMANENT DAMAGE. LOW ORDER OF TOXICITY FOR SKIN, INHALATION OR INGESTION. HIGH VAPORS CONCENTRATIONS ARE ANESTHETIC AND HAVE CNS EFFECTS. ASPIRATION AFTER INGESTION MAY CAUSE BRONCHOPNEUMONIA OR PULMONARY EDEMA. CHRONIC: SKIN IRRITATION, DERMATITIS.

Explanation of Carcinogenicity:PRODUCT IS NOT LISTED AS A CARCINOGEN BY

IARC, NTP, OR OSHA.

Effects of Overexposure:EYE: SEVERE IRRITATION, POSSIBLE PERMANENT DAMAGE. SKIN: POSSIBLE DERMATITIS WITH PROLONGED/REPEATED CONTACT. INHALATION: HEADACHE, DIZZINESS, AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS. INGESTED: LOW ORDER TOXICITY, MANUFACTURER STATES THAT PRIME HAZARD WITH INGESTION IS ASPIRATION INTO LUNGS CAUSING PULMONARY EDEMA.

Medical Cond Aggravated by Exposure:NONE GIVEN BY MANUFACTURER.

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First Aid Measures
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First Aid:EYE: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.
SKIN: WASH WITH SOAP AND WATER WHILE REMOVING CONTAMINATED CLOTHING
AND SHOES. INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING IF
NECESSARY. INGESTION: DO NOT INDUCE VOMITING. FOR ALL EXPOSURES,
GET PROMPT MEDICAL ATTENTION.

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Fire Fighting Measures =====

Flash Point Method:TCC
Flash Point:24.0F,-4.4C
Autoignition Temp:Autoignition Temp Text:860F

Lower Limits:1.8
Upper Limits:11.5

Extinguishing Media:USE FOAM, OR DRY CHEMICAL, OR IF PRACTICAL ALLOW TO
BURN UNDER CONTROLLED CONDITIONS.

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:FIRE OR EXCESSIVE HEAT MAY CAUSE
PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS. VAPORS HEAVIER THAN
AIR, CAN TRAVEL A LONG
DISTANCE ALONG GROUND AND FLASHBACK.

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Accidental Release Measures =====

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION. WEAR PROTECTIVE
PERSONAL EQUIPMENT. USE NON-SPARKING TOOLS. RECOVER AS LIQUID IF
POSSIBLE AND ABSORB REMAINING PRODUCT WITH INERT MATERIAL. PLACE IN
CLOSED CONTAINERS FOR DISPOSAL.

Neutralizing Agent:NONE

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Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL,
LOW FIRE RISK AREA.

Other Precautions:'EMPTY' CONTAINERS MAY CONTAIN RESIDUE OR VAPOR.
TREAT THEM WITH THE RESPECT DUE FULL ONES. DO NOT CUT, WELD, ETC.
ON THEM. USE PROPER GROUNDING PROCEDURES WHEN TRANSFERRING PRODUCT.

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Exposure Controls/Personal Protection =====

Respiratory Protection:RESPIRATOR WILL NOT NORMALLY BE NECESSARY. USE
NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR OR RESPIRATOR FOR
ORGANIC VAPOR IF EXPOSURE IS ABOVE THE TLV/PEL. SEE 29 CFR

1910.134

FOR REGULATIONS PERTAINING TO RESPIRATOR USE.

Ventilation:MECHANICAL (GENERAL) VENTILATION. USE EXPLOSION-PROOF EQUIPMENT.

Protective Gloves:RUBBER, VINYL OR OTHER IMPERVIOUS.

Eye Protection:SAFETY GLASSES OR SPLASH GOGGLES

Other Protective Equipment:SAFETY SHOWER AND EYE WASH STATION, WORK CLOTHING TO PROTECT FROM PROLONGED/REPEATED CONTACT.

Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

MSDS NO 92050000. REFERENCE NUMBER HDHA-C- 00025. FLASH POINT MARKED ON THE BOX 24F.

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

HCC:F3

Boiling Pt:B.P. Text:175-177F

Melt/Freeze Pt:M.P/F.P Text: