

SHELL OIL CO. -- METHYL ETHYL KETONE,31210 -- 6810-00-985-7098

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Product Identification  
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Product ID:METHYL ETHYL KETONE,31210

MSDS Date:01/01/1985

FSC:6810

NIIN:00-985-7098

MSDS Number: BGBRH

=== Responsible Party ===

Company Name:SHELL OIL CO.

Address:1 SHELL PLAZA

Box:2463

City:HOUSTON

State:TX

ZIP:77001

Country:US

Emergency Phone Num:NONE

CAGE:EO135

=== Contractor Identification ===

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Company Name:SHELL OIL CO

Address:1 SHELL PLAZA

Box:2463

City:HOUSTON

State:TX

ZIP:77001

Country:US

Phone:713-473-9461/800-424-9300(CHEMTREC)

CAGE:93508

Company Name:SHELL OIL CO.

Address:1 SHELL PLAZA

Box:2463

City:HUSTON

State:TX

ZIP:77001

CAGE:EO135

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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 9192

EPA Rp

t Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

===== Hazards Identification =====

Effects of Overexposure:IRRITATION OF RESPIRATORY TRACT;PULMONARY EDEMA.LIQ.CAUSES EYE BURN,IRRITATES EYES,NOSE,THROAT,DIZZY

===== First Aid Measures =====

First Aid:INHAL:REMOVE VICTIM TO FRESH AIR.GIVE ARTIFICIAL RESPIRATION.GET MEDICAL ATTENTION.EYE CONTACT:FLUSH EYES IMMEDIATELY W/LARGE AMTS OF WATER FOR AT LEAST 15 MINS.GET MEDICA  
L.SKIN:WASH WITH SOAP & WATER . REMOVE CONT.CLTHG.INGEST:LARGE AMTS H\*2O,IND.VOM

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

Flash Point:23F TCC  
Lower Limits:1.8  
Upper Limits:11.5  
Extinguishing Media:DRY CHEMICAL,ALCOHOL FOAM,CO\*2,WATER SPRAY OR FOG.  
Fire Fighting Procedures:USE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS  
Unusual Fire/Explosion Hazard:FLASHBACK ALONG VAPOR TRAIL MAY OCCUR.VAPOR MAY EXPLODE IF IGNITED IN AN ENCLOSED AREA.

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

Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION IMMEDIATELY & EVACUATE THE AREA.BE PREPARED FOR FIRE,WEAR APPROPRIATE PROTECTIVE CLOTHING & RESPIRATORY PROTECTION EQUIP.SHUT OFF LEAK.DIKE & PUMP LARGE SPILLS INTO S ALVAGE/STA CONTAINERS. ABSORB W/CLAY,VER

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

Handling and Storage Precautions:DO NOT ALLOW PRODUCT TO ENTER STORM OR SANITARY SEWER

S,LAKES,RIVERS,STREMS OR PUBLIC WATER SUPPLIES.NOTIFY LOCAL AUTHORITIES IF THIS HAPPENS.KEEP COO  
Other Precautions:MEK IS A VOLATILE,FLAMMABLE LIQUID.KEEP AWAY FROM ANY SOURCE OF IGNITION SUCH AS HEAT, SPARKS AND OPEN FLAME.GROUND AS CONTAINERS WHEN POURING OR TRANSFERRING. LIQ STORE IN TIGHTLY CLOSED CONT

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

Respiratory Protection:NIOSH APPROVED RESPRIATORY PROTECTION EQUIPMENT AS REQUIRED

Ventilation:LOCAL E

XHAUST IS RECOMMENDED

Protective Gloves:RUBBER GLOVES

Eye Protection:SAFETY GOGGLS

Other Protective Equipment:APPROPRIATE PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT.

Supplemental Safety and Health

ITEM HAS RCRA 40 CFR 261.33 AS DESIGNED BY EPA. THE C.A.S. NUMBER FOR ITEM IS C.A.S. NO 78-93-3.EFFECTS OF

OVEREXPOSURE(CONTD):NAUSEA,WEAKNESS, & LOSS OF CONSCIOUSNESS.

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

HCC:F2

Boiling Pt:B.P. Text:175F

Vapor Pres:75

Vap

or Density:2.5

Spec Gravity:0.81

Evaporation Rate & Reference:3.8

Solubility in Water:APPRECIABLE

Appearance and Odor:COLORLESS,MOBILE LIQUID,PUNGENT ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

HEAT,SPARKS & OPEN FLAMES,IGN.SOURCES,OXIDIZERS,PEROXIDES

Hazardous Decomposition Products:CO CAN FORM UPON INCOMPLETE COMBUSTION.

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

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Waste Disposal Methods:HANDLE WASTE MATERIAL IN ACCORDANCE WITH RCRA REQUIREMENTS.SPRAY INTO THE FURNACE.INCINERATION WILL BECOME EASIER BY MIXING WITH A MORE FLAMMABLE SOLVENT.MEK HAS BEEN DESIGNATED BY THE EPA(RCRA 40 CFR 261.33) AS HAZARDOUS WASTE.EPA HAZ NO.U159.

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