

SHELL CHEM CO -- METHYL ETHYL KETONE -- 6810-00-687-8429

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Product Identification  
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Product ID:METHYL ETHYL KETONE

MSDS Date:01/01/1985

FSC:6810

NIIN:00-687-8429

MSDS Number: BFLTM

=== Responsible Party ===

Company Name:SHELL CHEM CO

Address:1 SHELL PLAZA

Box:2463

City:HOUSTON

State:TX

ZIP:77001

Country:US

Info Phone Num:713-241-4819

Emergency Phone Num:713-473-9461

CAGE:LO011

=== Contrac

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Box:2463

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Country:US

Phone:713-473-9461

CAGE:86961

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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 Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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

Effects of Overexposure:EYE:LIQ/VAP IRRITNT.SKIN:IRRITNT;CONTACT CAUSES  
DEFAT/DRYNESS.INHALE:OVINASAL IRRITNT,HEAD,DIZ,UNCON

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

First Aid:EYES:FLUSH W H\*2O 15 MIN. SKIN:WASH W SOAP & H\*2O,REMOVE  
CONTAMINATED CLOTHES,INHALED:REMOVE TO FRESH AIR.GIVE CPR  
/O\*2 IF  
NEED.INGEST:GIVE 2 GLASSES H\*2O,30 CC IPECAC,THEN INDUCE  
VOMIT.DONOT GIVE LIQ TO UNCONS.PERSON.GET MEDICAL ATTENTION.

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

Flash Point:23F/-5C TCC  
Lower Limits:1.8  
Upper Limits:11.5  
Extinguishing Media:USE H2O FOG,ALCOHOL FOAM,DRY CHEMICAL OR CO2  
Fire Fighting Procedures:COOL FIRE-EXPOSED CONT WH2O.NIOSH APP SELF-  
CNTND BRTHG APP.  
Unusual Fire/Explosion Hazard:FIRE CONDITIONS MAY EVOLVE TOXIC FUMES.

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

Spill Release Procedures:SM SPILL:TAKE UP W ABSORBENT MATL,PLACE IN  
NON-LEAK CONT,SEAL FOR DISPOSAL.ELIMINATE IGNITION SOURCES.GROUND  
HANDLING EQUIP.LG SPILL:EVAP AREA.STOP LEAK.DIKE.PUMP TO SALVAGE  
TANK.SOAK RESIDUE W CLAY,S AND,OTHER ABSORB.FLUSH AREA W  
H\*2O.DISPOSE FLUSH.

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

Handling and Storage Precautions:AVOID HEAT,SPARKS,OPEN FLAMES.KEEP  
CONTAI

NERS CLOSED.STORE IN COOL,DRY PLACE.IF POURING OR  
TRANSFERRING,GROUND EQUIPMENT/CONT TO PREVENT STATIC CHARGE  
Other Precautions:DONOT WELD/HEAT OR DRILL NEAR CONT(EVEN EMPTY).CAN  
CONTAIN EXPLOSIV VAPORS.WASH W SOAP & H\*2O BEFORE  
EATING,DRINKING,SMOKING,USEING TOILET FACILITIES.LAUNDER  
CONTAMINATED CLOTHES BEFORE REUSE.

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

Respiratory Protection:IF EXCEED TLF,NIOSH APP RESPIR.AIR SUPPLIED/AIR  
PURIFIED RESPIRATOR

Ventilation:USE EXPLOSIV PROOF VENT TO CONTROL VAPOR CONCENTRATIONS.

Protective Gloves:IMPERVIOUS

Eye Protection:CHEM GOGGLES

Other Protective Equipment:EXPLOSIV PROOF VENTILATION.

Supplemental Safety and Health

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

HCC:F2

Boiling Pt:=79.4C, 175.F

Vapor Pres:75

Vapor Density:2.5

Spec Gravity:0.81

Evaporation Rate & Reference:3.8(BU AC)

Solubility in Water:APPRECIABLE

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

Pe

rcent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:AVOID HEAT,SPARKS,OPEN FLAME.

Hazardous Decomposition Products:COMBUSTION PRODUCES CO & UNIDENTIFIED  
ORGANIC COMPOUNDS

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

Waste Disposal Methods:USE NON-LEAKING CONTAINERS,SEAL TIGHTLY.PLACE IN  
A DISPOSAL FACI

LITTY APPROVED UNDER RCRA REGULATIONS FOR HAZARDOUS  
WASTE(SEE SEC XIII)

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