

CITY CHEMICAL CO -- METHYL ISOBUTYL KETONE -- 6810-00-052-1371

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Product Identification
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Product ID:METHYL ISOBUTYL KETONE

MSDS Date:01/13/1993

FSC:6810

NIIN:00-052-1371

MSDS Number: BSQZD

=== Responsible Party ===

Company Name:CITY CHEMICAL CO

Address:100 HOBOKEN AVE

City:JERSEY CITY

State:NJ

ZIP:07310

Country:US

Info Phone Num:201-653-6900

Emergency Phone Num:201-653-6900/800-424-9300(

CHEMTREC)

CAGE:8G980

=== Contractor Identification ===

Company Name:CITY CHEMICAL CO

Address:100 HOBOKEN AVE

Box:City:JERSEY CITY

State:NJ

ZIP:07310

Country:US

Phone:201-653-6900/800-424-9300(CHEMTREC)

CAGE:8G980

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Composition/Information on Ingredients
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Ingred Name:METHYL ISOBUTYL KETONE (HEXONE) (SARA III)

CAS:108-10-1

RTECS #:SA9275000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:50 PPM.

ACGIH TLV:50 PPM/75 STEL; 9394

EPA Rpt Qty:5000 LBS

DOT

Rpt Qty:5000 LBS

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===== Hazards Identification =====
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LD50 LC50 Mixture:LD50 (ORAL, RAT) IS 2080 MG/KG (RTECS).

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

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

Health Hazards Acute and Chronic:ACUTE- EYE:MAY CAUSE IRRITATION,
REDNESS, TEARING, BLURRED VISION. SKIN:PROLONGED/REPEATED CONTACT
MAY IRRITATE & CAUSE DERMATITIS. INHALE:MAY CAUSE RESPIRATORY TRACT
IRRITATION, ANESTHETIC EFFECTS. O

RAL:IF ASPIRATED, MAY CAUSE
CHEMICAL PNEUMONITIS. CHRONIC- MAY CAUSE DERMATITIS. TARGET
ORGANS:EYES, SKIN, CNS, LUNGS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYE IRRITATION, TEARING, SKIN IRRITATION,
DEFATING, DERMATITIS, RESPIRATORY TRACT IRRITATION, ANESTHETIC
EFFECTS, GASTROINTESTINAL TRACT IRRITATION, NAUSEA

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING DISEASES
INVOLVING THE EYES, SKIN OR LUNGS MAY BE AT INCREASED RISK FROM
EXPOSU

RE.

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===== First Aid Measures =====
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First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN:WASH WITH
SOAP & WATER. EYE:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS
OPEN. INHALED:REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF NEEDED.
ORAL:DO NOT INDUCE VOMITING. KEEP AT REST. CALL PHYSICIAN.

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===== Fire Fighting Measures =====
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Flash Point Method:TCC

Flash Point:62.0F,16.7C

Lower Limits:1.4

Upper Limits:7.5

Extinguishing Media:DRY CHEMICAL, WATER SPRAY, ALCOHOL FOAM. WATER MAY
BE INEFFECTIVE, BUT SHOULD BE USED TO COOL FIRE-EXPOSED CONTAINERS

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND
NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL
FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL
CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK.
CONTAINERS MAY RUPTURE DUE TO VAPOR PRES

SURE BUILDUP.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. CONTAIN SPILL. PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT MATERIAL SUCH AS SAND. PLACE IN CONTAINER FOR DISPOSAL. PREVENT LIQUID FROM ENTERING SEWERS, WATERWAYS OR LOW AREAS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Pre

cautions:STORE IN COOL, DRY, WELL VENTILATED

AREA AWAY FROM SPARKS & INCOMPATIBLES. BOND AND GROUND CONTAINERS WHEN TRANSFERRING LIQUID.

Other Precautions:"EMPTY" CONTAINERS MAY RETAIN RESIDUE AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS. THEY MAY EXPLODE AND CAUSE INJURY/DEATH. KEEP OUT OF REACH OF CHILDREN.

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

Respiratory P

rotection:IF ENGINEERING CONTROLS ARE INADEQUATE TO

CONTROL VAPOR CONCENTRATIONS TO AN ACCEPTABLE LEVEL, A NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR SHOULD BE WORN.

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:RUBBER OR PVA

Eye Protection:SAFETY GLASSES - CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:USE GOOD PERSONAL HYGIENE PRACTICES. LAUNDER CONTAMINATED CLOTHING BEFORE WEARING. FLUSH SPILL AREA WITH WATER SPRAY.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS. DO NOT INGEST. READ PRECAUTIONS ON LABEL BEFORE USE.

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

HCC:F3

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:241F,116C

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

xt:NOT KNOWN
Decomp Temp:Decomp Text:NOT KNOWN
Vapor Pres:40 @ 100F
Vapor Density:3.45
Spec Gravity:0.8
Evaporation Rate & Reference:1.65(N-BUTYL ACETATE = 1)
Solubility in Water:MODERATE
Appearance and Odor:CLEAR COLORLESS LIQUID WITH PLEASANT ODOR
Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS, CHLORINATED COMPOUNDS, CAUSTIC, AMINES,
AMMONIA, HALOGENS, OXYGEN, ORGANIC AND INORGANIC ACIDS
Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE AND
OTHER UNIDENTIFIED HYDROCARBONS MAY BE FORMED.

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

Waste Disposal Methods:DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL
APPLICABLE FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.
RECOMMENDED PROCEDURE IS BY INCINERATION.

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