

UNION CARBIDE CORP. -- METHYL ISOBUTYL KETONE -- 6810-00-052-1371

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

Product ID:METHYL ISOBUTYL KETONE

MSDS Date:01/01/1985

FSC:6810

NIIN:00-052-1371

MSDS Number: BCWDH

=== Responsible Party ===

Company Name:UNION CARBIDE CORP.

Address:OLD RIDGEBURY RD

City:DANBURY

State:CT

ZIP:06817

Info Phone Num:714-864-2310

Emergency Phone Num:714-864-2310

CAGE:61637

=== Contra

ctor Identification ===

Company Name:UNION CARBIDE CORP

Address:39 OLD RIDGEBURY ROAD

Box:City:DANBURY

State:CT

ZIP:06817-0001

Country:US

Phone:800-822-4357/732-563-5522 (MSDS)

CAGE:61637

=====
Composition/Information on Ingredients
=====

Ingred Name:METHYL ISOBUTYL KETONE (SARA III)

CAS:108-10-1

RTECS #:SA9275000

Fraction by Wt: 99.9%

OSHA PEL:100 PPM/75 STEL

ACGIH TLV:50 PPM/75 STEL; 9293

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

=====
Hazards Identificat
=====

ion =====

Effects of Overexposure:IRRIT OF NOSE/THROAT. HDACHE, NAUSEA, VOMIT,
DIZZ. IRRIT TO SKIN/EYES/NOSE/THROAT.

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

First Aid:MOVE TO FRESH AIR, CALL MD. IF SWALLOWED INDUCE VOMIT, CALL
MD. FLUSH SKIN/EYE W/H*20. IF BRTHNG HAS STOPPED, GIVE ARTIF RESP.

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

Flash Point Method:TCC

Flash Point:63F,17C

Autoignition Temp:Autoignition Temp

Text:858F

Lower Limits:1.4

Upper Limits:7.5

Extinguishing Media:CO*2, DRY CHEM FOR SM FIRES. FOAM FOR LG FIRES.

Fire Fighting Procedures:WEAR SELF-CNTND BRTHG APP,H*20 INEFECTV EXCEPT
AS BLANKET.

Unusual Fire/Explosion Hazard:MAY BE IGNITED BY HEAT,SPARKS,FLAME.CONT
MAY EXPLODE IN HEAT OF FIRE.VAPOR IS EXPLOSION HAZARD

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

Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION. FLUSH
HEAVILY W/WATER. STOP DISCHARG
E IF POSS. KEEP PEOPLE AWAY. SHUT OFF
IGNITION SOURCES & CALL FIRE DEPT. STAY UPWIND & USE WATER SPRAY TO
KNOCK DOWN VAPOR.

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

Handling and Storage Precautions:WEAR GOGGLES & SELF-CNTND BRTHNG
APPARATUS. ISOLATE & SEAL FIRMLY CNTNRS TO AVOID LEAKAGE & STORE IN
WELL-VENT PLACES.

Other Precautions:STORE IN COOL, DRY AREA

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

Respiratory Protection:USE

ALL-PURPOSE CANISTER MASK. CHEM CARTRIDGE
RESP.

Ventilation:LOCAL EXHST & MECH

Protective Gloves:RUBBER

Eye Protection:FACE SHLD

Other Protective Equipment:WEAR FACE SHIELD,OVERALLS,VINYL-COATED
GLOVES.

Supplemental Safety and Health

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

HCC:F2

Boiling Pt:B.P. Text:241.2F

Melt/Freeze Pt:M.P/F.P Text:-120F,-84C

Vapor Pres:15

Vapor Density:3.4

Spec Gravity:0.8020

Evaporation Rate & Reference:1.6 (BUTYL ACETATE=1)

Solub

ility in Water:MODERATE

Appearance and Odor:COLORLESS LIQ, NON RESIDUAL ODOR

Percent Volatiles by Volume:99.9

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS;ACIDS & BASES

Stability Condition to Avoid:HIGH TEMPERATURES,IGNITION SOURCES

Hazardous Decomposition Products:VARIOUS HYDROCARBONS,CO,CO*2.

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

Waste Disposal Methods:ATOMIZE INTO INCINERATOR.

INCINERATOR WILL

BECOME EASIER BY MIXING W/A MORE FLAMMABLE SOLVENT.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsib

ility for the suitability of this information to their particular situation.