

MALLINCRODT INC -- METHYL ISOBUTYL KETONE -- 6810-00-052-1371

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Product Identification
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Product ID:METHYL ISOBUTYL KETONE

MSDS Date:04/06/1989

FSC:6810

NIIN:00-052-1371

MSDS Number: BJPJG

=== Responsible Party ===

Company Name:MALLINCRODT INC

Box:M

City:PARIS

State:KY

ZIP:40361-0315

Country:US

Emergency Phone Num:314-982-5000

Preparer's Name:NOT PROVIDED

CAGE:EO163

=== Contractor Identif

ication ===

Company Name:MALLINCKRODT INC., SCIENCE PRODUCTS DIV

Box:M

City:PARIS

State:KY

ZIP:40361-0315

Country:US

Phone:314-982-5000

CAGE:1BF21

Company Name:MALLINCRODT INC

Box:M

City:PARIS

State:KY

ZIP:40361-0315

Country:US

Phone:314-982-5000

CAGE:EO163

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

CAS:108-10-1

RTECS #:SA9275000

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

OSHA PEL:100 PPM/75 STEL

ACGIH TLV:50 PP

M/75 STEL; 9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:BENZENE (SARA III)
CAS:71-43-2
RTECS #:CY1400000
Fraction by Wt: 30%PPM
Other REC Limits:NONE SPECIFIED
OSHA PEL:1PPM/5STEL;1910.1028
ACGIH TLV:10 PPM; A2; 9192
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 2080 MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
H

Health Hazards Acute and Chronic:ACUTE-EYE:SEVERE IRRITATION.

SKIN:REPEATED CONTACT MAY CAUSE

DEFATING/IRRITATION.INHALATION:IRRITATIONG & ITCHING SENSATION OF
RESPIRATORY

TRACT,NAUSEA/VOMITING,DIZZINESS/UNCONSCIOUSNESS.INGESTION:NAU
SEA,HEADACHE,INFLAMATION OF GI-TRACT,LARGE DOSES MAY PRODUCE
NARCOSIS. CHRONIC-SKIN:IRRITATION MAY RESULT IN DERMATITIS.

Effects of Overexposure:EYE:IRRITATION, REDNESS/SWELLING OF CONJUNCTIVA
AND PAIN. SKIN & RESPIRATORY TRACT IRRITATION,
COUGHING, VOMITING,
HEADACHE,DIZZINESS, LATHARGY AND UNCONSCIOUSNESS.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS
OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, OR
RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING.
GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER
FOR 15 MINU

TES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.

SKIN:REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION:GIVE TWO GLASSES OF WATR. DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Method:CC

Flash Point:=22.8C, 73.F

Lower Limits:1.4

Upper Limits:7.5

Extinguishing Media:USE CARBON DIOXIDE, FOAM, OR DRY CHEMICALS FOR SMALL FIRES. USE ALCOHOL-TYPE OR ALL-PURPOSE-TYPE FOAMS FOR LARGE FIRES.

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. USE WATER SPRAY TO DISPERSE VAPORS; REIGNITION IS POSSIBLE.

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

Spill Release Procedures:SMALL SPILL: WIPE/SOAK UP WITH PAPER TOWEL OR INERT ABSORBENT. PUT IN DISPOSAL CONTAINER. REMOVE RESIDUE WITH WATER. LARGE SPILL: EVACUATE AND VENTILATE AREA. IF POSSIBLE, STOP LEAK. DIKE TO RETAIN RU N OFF. VACUUM UP FREE LIQUID. ABSORB/WASH RESIDUE

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED . PROTECT CONTAINERS FROM PHYSICAL DAMAGE & STATIC ELECTRICITY.

Other Precautions:DO NOT TAKE INTERNALLY. DO NOT BREATHE VAPORS. AVOID CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. DO NOT USE WITH COPPER/COPPER ALLOYS, PLASTICS INCLUDING POLYVINY L CHLORIDE/POLYETHYLENE.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL(TLV), USE NIOSH

/MSHA APPROVED ORGANIC VAPOR

CARTRIDGE AND DUST/MIST PRE-FILTER RESPIRATORS AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/ WARNINGS AND NIOSH-RESPIRATOR SELECTION.

Ventilation:MECHANICAL (GENERAL) ROOM VENTILATION IS NORMALLY ADEQUATE. LOCAL EXHAUST MAY BE REQUIRED IF WORK AREA NOT VENTED.

Protective Gloves:NEOPRENE, NITRILE, PVC OR NATURAL RUBBER

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-T

TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS.

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

HCC:F2

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=117.8C, 244.F

Melt/Freeze Pt:=-80.C, -112.F

Vapor Pres:

16

Vapor Density:3.45

Spec Gravity:0,803

Evaporation Rate & Reference:1.62 (BUTYL ACETATE=1)

Solubility in Water:INSOLUBLE

Appearance and Odor:CLEAR COLORLESS LIQUID, ACETONE-LIKE ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS (SUCH AS NITRIC ACID & HClO),A;DEHYDES AND ALKALIES. VIOLENT REACTION WITH POTASSIUM T-BUTOXIDE.

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE

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

Waste Disposal Methods:INCINERATE IN A FURNACE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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