

MALLINCKRODT INC.,SCIENCE PRODUCT DIVISION -- ACETONE, CAT #2440 -- 6810-00-234-7208  
===== Product Identification =====

Product ID:ACETONE, CAT #2440

MSDS Date:09/05/1985

FSC:6810

NIIN:00-234-7208

MSDS Number: BDLLB

=== Responsible Party ===

Company Name:MALLINCKRODT INC.,SCIENCE PRODUCT DIVISION

Address:PARIS BYPASS

Box:M

City:PARIS

State:KY

ZIP:40361

Info Phone Num:314-982-5000

Emergency Phone N

um:314-982-5000

CAGE:62910

=== Contractor Identification ===

Company Name:MALLINCKRODT SPECIALTY CHEMICALS CO

Address:222 RED SCHOOL LANE

Box:City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Phone:908-859-2151

CAGE:62910

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

Ingred Name:ACETONE (SARA III)

CAS:67-64-1

RTECS #:AL3150000

Fraction by Wt: 100%

Other REC Limits:NONE

OSHA PEL:1000PPM

ACGIH TLV:750PPM/1000STEL;9293

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=9750MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:EYES:SEVERE

IRRITATION,REDNESS,PAIN;SKIN:IRRITATION,DEFATTING,REDNESS,PAIN,DRYING,CRACKING;IRRITATION TO NOSE,THROAT,MUCOUS

MEMBRANES,DIZZINESS,DULLNESS,HEADACHE,NARCOTIC;INGESTION:NARCOTIC.SAME SYMPTOMS AS INHALATION. CHRONIC EXPOSURE:PRO

LONGED/REPEATED

SKIN CONTACT MAY PRODUCE SEVERE IRRITATION OR DERMATITIS.

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:USE OF ALCOHOLIC BEVERAGES ENHANCES TOXIC EFFECTS.

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First Aid Measures  
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First Aid:INHAL:REMOVE TO FRESH AIR.GIVE CPR/OXYGEN IF NEEDED;INGEST:IF SWALLOWED,GIVE TWO GLASSES OF WATER & INDUCE VOMIT.NOTHING BY MOUTH IF UNCON;SKIN/EYE EXPOSURE:RMV CONTMNTD CLOTHG.WASH SKIN W/SOAP &

H\*2O .FLUSH SKIN/EYES W/LG H\*2O;GET MED HELPIMMEDIATLY

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Fire Fighting Measures  
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Flash Point Method:CC

Flash Point:0F(-18C)

Autoignition Temp:Autoignition Temp Text:869F

Lower Limits:2.6

Upper Limits:12.8

Extinguishing Media:WATER,DRY CHEM,FOAM,CO\*2;WATER SPRAY:TO KEEP EXPD CANS COOL

Fire Fighting Procedures:USE H\*2O TO COOL EXPD CONTRS. USE SCBA & FULL PROT.CLTHG.

Unusual Fire/Explosion Hazard:ABOVE FLASH POINT,VAP-AIR MIXTURES ARE EXP

LOSIVE WITHIN FLAMMABLE LIMITS; AUTO IGN TEMP:465C(869F)

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Accidental Release Measures  
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Spill Release Procedures:RMV SOURCES OF IGN.USE PROTCTV

EQUIP/CLOTHG.ISOLATE OR ENCLOSE LEAK/SPILL AREA.ABSORB SM SPILL W/COMM ABSORBNT &PLACE IN CLOSED CONTNR.DIKE LG SPILL W/DRY SAND OR EARTH & RECOVER LIQ FOR RECLAMATION W HEN POSSIBLE.SHOVEL ABSORBD SPILL INTO COVRD DRUM.

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Handling and Storage  
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Handling a

nd Storage Precautions:KEEP IN TIGHTLY CLOSED  
CONTAINERS,STORED IN COOL,DRY,VENTILATED AREA.PROTECT AGAINST  
PHYSICAL DAMAGE.ISOLATE FM INCOMPATIBLE MATL,HEAT & SUNLIGHT,ETC.  
Other Precautions:AVOID BREATHING VAP.KEEP CONTNR CLOSED.USE W/ADEQ  
VENT.DO NOT GET IN EYES,SKIN,OR ON CLOTHING.WASH THOROUGHLY AFTER  
HANDLG.KEEP AWAY FM HEAT/FLAME.FOR TRNSFR LIQ,BOND & GROUND  
CONTNRS.

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

Respiratory Protection:SUPPLIED A  
IR RESPIR/SCBA; ESCAPE: GAS MASK  
Ventilation:LOCAL EXHAUST TO MAINTN BELOW TLV.  
Protective Gloves:IMPERVIOUS  
Eye Protection:GOGGLES/FACE SHIELD  
Other Protective Equipment:FULL PROTECTIVE CLOTHING,SAFETY SHOWER,EYE  
WASH STATION  
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.REMOVE AND  
LAUNDER CONTAMINATED CLOTHING.  
Supplemental Safety and Health

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

HCC:F2  
Boiling Pt:B.P. Text:56.5C(134F)  
Melt/Freeze Pt:M.P/F.P Tex  
t:-139F(-95C)  
Vapor Pres:400 @103F  
Vapor Density:2.0  
Spec Gravity:0.8  
Evaporation Rate & Reference:7.7 (BUTYL ACETATE=1)  
Solubility in Water:COMPLETE  
Appearance and Odor:CLEAR,COLORLESS,VOLATILE LIQUID.FRAGRANT,MINT-LIKE  
ODOR.  
Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES  
OXIDIZERS,CHLOROFORM,ALKALIES,POTASSIUM T-BUTOXIDES,ACIDS.  
Stability Condition to Avoid:HEAT, IGNITION SOURCES  
Hazardous

Decomposition Products:CO, CO\*2

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

Waste Disposal Methods:LG SPILL & LOT SIZES OF HAZ WASTE CAN BE ATOMIZED IN A RCRA APPRVD COMBUSTION CHAMBER OR DISPOSED OF IN A RCRA APPROVED LAND FILL FACILITY.DO NOT FLUSH TO SEWER.ENSURE COMPLIANCE W/FED,STATE & LOCAL R EGS; REPORTABLE QTY (RQ) (CWA/CERCLA):5000 LBS.

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