

MALLINCKRODT INC.,SCIENCE PRODUCT DIVISION -- ACETONE -- 6810-00-973-6473

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Product Identification  
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Product ID:ACETONE

MSDS Date:09/05/1985

FSC:6810

NIIN:00-973-6473

MSDS Number: BGBCK

=== 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 Num:314-982-5000

CAGE:6

2910

=== 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

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Composition/Information on Ingredients  
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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 Iden

tification =====

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:PROLONGED/REPEATED SK

IN 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.

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

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

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

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\*20 TO COOL EXPD CONTRS. USE SCBA & FULL PROT.CLTHG.

Unusual Fire/Explosion Hazard:ABOVE FLASH POINT,VAP-AIR MIXTURES ARE EXPLOSIVE WITHIN FLAMMABLE LIMITS;

AUTO IGN TEMP:465C(869F)

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

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.

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

Handling and 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.

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

Respiratory Protection: SUPPLIED AIR 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

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

HCC: F2

Boiling Pt: B.P. Text: 56.5C (134F)

Melt/Freeze Pt: M.P/F.P Text: -139F (-95C)

Vapor Pr

es: 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

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===== 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 Product

===== 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 REGS; REPORTABLE QTY (RQ) (CWA/CERCLA): 5000 LBS.

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