

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

Product ID:ACETONE

MSDS Date:09/05/1985

FSC:6810

NIIN:00-184-4796

MSDS Number: BDGXR

=== 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: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

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

LD50 LC50 Mixture:LD50 ORAL R

AT=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 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.

#### ===== 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 HELPIIMMEDIATLY

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

Flash Point Method:CC

Flash Point:OF(-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,VENTILA

TED 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  
CONTRNS.

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

Respiratory Protection:SUPPLIED AIR RESPIR/SCBA; ESCAPE: GAS MASK

Ventilation:LOCAL EXHAUST TO MAINTN BELOW TLV.

Protect

ive 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 Text:-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 =====

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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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