

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

Product ID:ACETONE, CAT #0018

MSDS Date:09/05/1989

FSC:6810

NIIN:01-209-0693

MSDS Number: BGQQH

=== Responsible Party ===

Company Name:MALLINCKRODT INC. SCIENCE PRODUCTS DIVISION

Address:PARIS BYPASS

Box:M

City:PARIS

State:KY

ZIP:40361

Country:US

Info Phone Num:800-354-2050(PRESS 3)/314-982-5000

Emergency Phone Num:800-354-2050/314-539-1600

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%

OSHA PEL:1000PPM

ACGIH TLV:750PPM/1000STEL;9293

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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

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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Effects of Overexposure:INH:IRRIT NOSE/THROAT. CAUSES HEADACHE;ING:N  
RCOTIC EFF;SKIN/EYES:IRRIT,PAIN,REDNESS.VAP IRRIT EYES.

===== 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:-0F,-18C  
Autoignition Temp:Autoignition Temp Text:465C  
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 W  
ITHIN 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 Stora

ge 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 AIR RESPI

R/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

Supplemental Safety and Health

MSDS FROM MFR DATED:09-05-85 WHICH IS IAW OSHA HAZ COMM STD;VAP

PRESSURE 400 AT 103F; CERCLA RQ:SEE DISPOSAL; LD50=ORL

RAT:9750MG/KG,SKIN RABBIT:20MG/KG

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

HCC:F2

Boiling

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

Vapor Pres:400

Vapor Density:2.0

Spec Gravity:0.8

Evaporation Rate & Reference:7.0(BU-ACETATE=1)

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR,COLORLESS,VOLATILE LIQ FRAGRANT,MINT-LIKE

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 Decomposit

ion 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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