

MALLINCKRODT INC.,SCIENCE PRODUCTS DIVISION -- ACETIC ANHYDRIDE AR -- 6810-00-063-6992

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Product Identification  
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Product ID:ACETIC ANHYDRIDE AR

MSDS Date:01/01/1987

FSC:6810

NIIN:00-063-6992

MSDS Number: BCWXX

=== 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:314-982-5000

E

mergency 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

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Composition/Information on Ingredients  
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Ingred Name:ACETIC ANHYDRIDE (SARA III)

CAS:108-24-7

RTECS #:AK1925000

Fraction by Wt: >99%

OSHA PEL:C 5 PPM

ACGIH TLV:C 5 PPM; 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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==== Hazards Identification =====

Effects of Overexposure:INH:NOSE,THROAT,LUNGS  
IRRIT/DAMAGE;ING:CORR,NAUSEA,VOMIT;SKIN:CORR,REDNESS;EYES:CORR,BURN  
S,IMPRD VIS

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

First Aid:SKIN:WASH W.SOAP & H\*2O. EYES:FLUSH W. H\*2O. INGESTED:DON'T  
INDUCE VOMITING. INHALED:REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF  
NEED. KEEP WARM & QUIET. REMOVE CONTAMINATED CLOTHING. NEVER GIVE  
ANYTHING BY MOUTH TO UNCONS  
CIOUS PERSON.

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

Flash Point:49C(120F)-CC  
Autoignition Temp:Autoignition Temp Text:390C  
Lower Limits:2.9  
Upper Limits:10.3  
Extinguishing Media:CO\*2,DRY CHEM,WATER SPRAY OR ALCOHOL FOAM(NFPA)  
Fire Fighting Procedures:WEAR SELF-CNTD BRTHG,APP H\*2O SPRAY TO COOL  
CONTR.  
Unusual Fire/Explosion Hazard:VAP FM EXPLSV MIXTURE W/AIR  
>48C(118F).EXPLOSION HAZ WHEN EXPOSED TO HEAT OR FLAME

==== Accidental Release Meas  
ures =====

Spill Release Procedures:RMV IGN SOURCES. VENTILT AREA. USE PROTCTV  
EQUIP/CLOTHG:SM SPILL:ABSORB ON PAPER TOWEL,EVAP IN FUME HOOD THEN  
BURN PAPER CAREFULLY;LG SPILL:DIKE FAR AHEAD.ABSORB  
W/VERMICLT,EARTH,DRY SAND,ETC.SHOVEL INT O COVERD DRUMS.PUMP DIKED  
LIQ TO SALVAGETANK.

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

Handling and Storage Precautions:KEEP IN TIGHTLY CLOSED  
CONTAINERS,STORED IN COOL,DRY,VENTILATED AREA.PROTECT AG  
AINST  
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.

==== 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  
Oth

er Protective Equipment:FULL PROTECTIVE CLOTHING,SAFETY SHOWER,EYE  
WASH STATION

Supplemental Safety and Health

MSDS FM MFR DATED:JAN 1985 WHICH COMPLIES W/OSHA HAZ COMM STD;CWA RQ:  
1000 LBS; STORAGE:OUTSIDE OR DETACHED STG IS PREFERRED.INSIDE STG  
SHOULD BE IN FLAMM LIQS STG RM/CABINET.

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

HCC:F6

Boiling Pt:B.P. Text:140C(284F)

Vapor Pres:4.0

Vapor Density:3.5

Spec Gravity:1.08

Evaporation Rate & Reference:0.46(ET  
HER=1)

Solubility in Water:APPRECIABLE

Appearance and Odor:CLEAR,COLORLESS LIQ W/STRONG ACETIC(VINEGAR) ODOR.

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

Stability Indicator/Materials to Avoid:YES

OXIDIZERS,ALCOHOLS,AMINES & STRONG CAUSTICS.

Stability Condition to Avoid:HEAT, IGNITION SOURCES

Hazardous Decomposition Products:EMITS ACETIC ACID FUMES & GIVES CARBON  
MONOXIDE/DIOXIDE

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

Waste Disposal Me

thods:LG SPILL & LOT SIZE CAN BE COLLECTED & ATOMIZED

IN A SUITABLE COMBUSTION CHAMBER EQUIPPED WITH AN APPROPRIATE  
EFFLUENT GAS CLEANING DEVICE OR DISPOSE OF AS HAZARDOUS WASTE IN  
RCRA APPROVED LANDFILL.EN SURE COMPLIANCE W/FED,LOCAL & STATE REGS.

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