

MALLINCKRODT INC.,SCIENCE PRODUCTS DIVISION -- ETHYL ACETATE AR -- 6810-00-245-6695
===== Product Identification =====

Product ID:ETHYL ACETATE AR
MSDS Date:01/01/1987
FSC:6810
NIIN:00-245-6695
MSDS Number: BDNFV
=== 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
Emergenc
y 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:ETHYL ACETATE (SARA III)
CAS:141-78-6
RTECS #:AH5425000
Fraction by Wt: >99%
OSHA PEL:400 PPM
ACGIH TLV:400 PPM; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

===== Haz

ards Identification =====

Effects of Overexposure:INH:IRRITNT TO NOSE/RESP TRCT;ING:CAUSES
DIARRHEA,SORE THROAT;SKIN:DEFATS,IRRIT,EYES:IRRITATION.

===== 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 HE
LPIMMEDIATLY

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

Flash Point Method:CC
Flash Point:=-4.4C, 24.F
Autoignition Temp:=-427.C, 800.6F
Lower Limits:2.2
Upper Limits:11.0
Extinguishing Media:DRY CHEMICALS,FOAM,CO*2;WATER SPRAY TO KEEP EXPOSD
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:427C(800
F)

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

Spill Release Procedures:RMV IGN SOURCES.VENT AREA.USE RESP PROTCTION &
PROTCTV CLOTHG.KEEP OUT OF SURF H*20,SEWRS/CONFND AREAS;SM
SPILL:ABSORB W/PAPER TOWELS.EVVAP UNDER FUME HOOD THEN BURN
CAREFULLY;LG SPILL:DIKE AREA.CONTA IN & RECOVER SPILL IF POSS;SHOVL
RESDUEINTO DRUMS

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

Handling and Storage Precautions:PROTCT AGAINST PHYSICAL DAMAGE.S
TORE
IN COOL,DRY WELL VNTLTD AREA AWAY FM ING/HEAT SOURCES,OXIDZG
MATL.OUTSIDE OR DETACHED SORAGE IS PREFERRED.
Other Precautions:KEEP AWAY FROM HEAT,SPARKS,FLAMES.KEEP CONTNRS
CLOSED.USE W/ADEQUATE VENT.AVOID BRTHG DUST.WASH THOROUGHLY AFTER
HNDLG.VOND/GROUND CONTNRS WHEN TRNSFRG MATERL.USE NON-SPARKG TYPE
TOOL & EQUIP.

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

Respiratory Protection:FULL FACE RESPIRATOR
Ventilation:LOCAL EXHAUST TO MAINTN BELOW T

LV.
Protective Gloves:IMPERVIOUS
Eye Protection:GOGGLES/FACE SHIELD
Other Protective Equipment:FULL PROTECTIVE CLOTHING,SAFETY SHOWER,EYE
WASH STATION
Supplemental Safety and Health
MSDS FM MR DATED:22 AUG 85,CONFORMS TO OSHA HAZ COMM STD.

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

HCC:F2
NRC/State Lic Num:NOT RELEVANT
Boiling Pt:=77.2C, 171.F
Vapor Pres:76
Vapor Density:3.0
Spec Gravity:0.9
Evaporation Rate & Reference:6(BUT ACETATE=1)
Solubility in Water:MOD
ERATE
Appearance and Odor:COLORLESS LIQUID.PLEASANT FRUITY ODOR.
Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS,STRONG ALKALIES/ACIDS.NITRATES.
Stability Condition to Avoid:HEAT, IGNITION SOURCES
Hazardous Decomposition Products:CO, CO*2 WHEN HEATED TO DECOMPOSITION
Conditions to Avoid Polymerization:HEAT WILL CONTRIBUTE TO
INSTBLTY.SLOWLY DECOMPOSED BY MOISTR

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=== 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 APROVED LAND FILL FACILITY.DO NOT FLUSH TO SEWER.ENSURE
COMPLIANCE W/FED,STATE, & LOCAL R EGS; REPORTABLE QTY
(RQ)(CWA/CERCLA);5000LBS

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