

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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