

MALLINCKRODT INC.,SCIENCE PRODUCTS DIVISION -- ETHYL ACETATE AR -- 6810-00-754-2817

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

Product ID:ETHYL ACETATE AR

MSDS Date:01/01/1987

FSC:6810

NIIN:00-754-2817

MSDS Number: BFNNQ

=== 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*2 O.FLUSH SKIN/EYES W/LG H*2O;GET MED

HELPIMMEDIATL

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

Flash Point Method:CC
Flash Point:=-4.4C, 24.F
-4.4C(24F)-C.C.
Autoignition Temp:Autoignition Temp Text:427C
Lower Limits:2.2
Upper Limits:11.0
Extinguishing Media:DRY CHEMICALS,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 FLAMMAB
LE LIMIT; AUTO IGN TEMP:427C(800F)

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

Spill Release Procedures:RMV IGN SOURCES. VENT AREA.UE RESP PROTCTION &
PROTCTV CLOTHG.KEEP OUT OF SURF H*2O,SEWRS/CONFND AREAS;SM
SPILL:ABSORB W/PAPER TOWELS.EVAP UNDER FUME HOOD THEN BURN
CAREFULLY;LG SPILL:DIKE AREA.CONTAIN & RECOVER SPILL IF POSS;SHOVL
RESIDUE INTO DRUMS.

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

Handling and Storage Precautions

:PROTECT AGAINST PHYSICAL DAMAGE.STORE
IN COOL, DRY WELL VENTILATED AREA AWAY FROM HEAT SOURCES, OXIDIZING
MATERIALS. OUTSIDE OR DETACHED STORAGE IS PREFERRED.
Other Precautions: KEEP AWAY FROM HEAT, SPARKS, FLAMES. KEEP CONTAINERS
CLOSED. USE WITH ADEQUATE VENTILATION. AVOID BREATHING DUST. WASH THOROUGHLY AFTER
HANDLING. BOND/GROUND CONTAINERS WHEN TRANSFERRING MATERIAL. USE NON-SPARKING TYPE
TOOL & EQUIP.

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

Respiratory Protection: FULL FACE RESPIRATOR
Ventilation:
n: LOCAL EXHAUST TO MAINTAIN BELOW TLV.
Protective Gloves: IMPERMEABLE
Eye Protection: GOGGLES/FACE SHIELD
Other Protective Equipment: FULL PROTECTIVE CLOTHING, SAFETY SHOWER, EYE
WASH STATION
Supplemental Safety and Health
MSDS FROM MANUFACTURER DATED: 22 AUG 85, CONFORMS TO OSHA HAZ COMM STD.

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

HCC: F2
Boiling Point: B.P. Text: 77°C (171°F)
Vapor Pressure: 76
Vapor Density: 3.0
Specific Gravity: 0.9
Evaporation Rate & Reference: 6 (BUT ACETATE=1)
Solubility in
Water: MODERATE
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
INSTABILITY. SLOWLY DECOMPOSED BY MOISTURE

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

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