

MALLINCKRODT INC.,SCIENCE PRODUCTS DIVISION -- N-BUTYL ACETATE -- 6810-00-222-2742
===== Product Identification =====

Product ID:N-BUTYL ACETATE

MSDS Date:01/01/1987

FSC:6810

NIIN:00-222-2742

MSDS Number: BDJZL

=== 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

Emergency

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:N-BUTYL ACETATE (SARA III)

CAS:123-86-4

RTECS #:AF7350000

Fraction by Wt: >99%

OSHA PEL:150 PPM/200 STEL

ACGIH TLV:150 PPM/200STEL;9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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Hazards Identification
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Effects of Overexposure:INH:IRRIT RESP TRACT;ING:IRRITATES TO TISSUES,HAVE NORCOTIC EFF;SKIN:DEGREASES SKIN;EYE:IRRITATES.

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First Aid Measures
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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 HELPIMMEDIATLY

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Fire Fighting Measures
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Flash Point Method:CC
Flash Point:=-22.2C, 72.F
Autoignition Temp:=-425.C, 797.F
Lower Limits:1.4
Upper Limits:7.5
Extinguishing Media:DRY CHEMICALS,FOAM,CO*2;WATER SPRAY TO KEEP EXPSD 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:425C(797F)

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Accidental Release Measures
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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.EVAP UNDER FUME HOOD THEN BURN CAREFULLY;LG SPILL:DIKE AREA.CONTAI N & RECOVER SPILL IF POSS;SHOVL RESDUE INTO DRUMS.

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

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Exposure Controls/Personal Protection
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Respiratory Protection:SCBA, SUPPLIED AIR RESPIRATOR
Ventilation:LOC

AL 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 FM MFR DATED:29AUG85,CONFORMS TO OSHA HAZ COMM STD.

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

HCC:F2
NRC/State Lic Num:NOT RELEVANT
Boiling Pt:=126.1C, 259.F
Vapor Pres:15
Vapor Density:4.0
Spec Gravity:0.88
Evaporation Rate & Reference:5.8(CCL*4=1
)
Solubility in Water:SLIGHT
Appearance and Odor:CLEAR COLORLESS LIQUID.MILD FRUITY ODOR
Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES
OXIDIZERS,STRONG ALKALIES,ACIDS,NITRATES & POT-TERT BUTOXIDE
Stability Condition to Avoid:HEAT, IGNITION SOURCES
Hazardous Decomposition Products:CO, CO*2 WHEN HEATED TO DECOMPOSE.

===== 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):5000LBS

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