

MALLINCKRODT INC.,SCIENCE PRODUCTS DIVISION -- HEPTANE -- 6810-00-097-4159

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Product Identification
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Product ID:HEPTANE

MSDS Date:01/01/1987

FSC:6810

NIIN:00-097-4159

MSDS Number: BCYNF

=== 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:314-9

82-5000

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:N-HEPTANE

CAS:142-82-5

RTECS #:MI7700000

Fraction by Wt: >99%

OSHA PEL:500 PPM/500 STEL

ACGIH TLV:400 PPM/500STEL;9293

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Hazards Identification
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Effects of Over

exposure:INH:MAY IRRIT RESP TRACT.CAUSES
HEADACHE,DIZZ,NAUSEA;ING:SYMP LIKE INH;SKIN/EYES:VAP/LIQ IRRITANT.

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First Aid Measures
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First Aid:INHAL:RMV TO FRESH AIR.IF NEEDED,GIVE CPR/OXYGEN.GET
MD;INGEST:GIVE SEVRL GL OF WATER.DO NOT INDUCE VOMITG.IMMED GET
MD;SKIN:FLUSH W/LG QTY OF H*2O FOR 15 MIN.REMV CONTMNTD CLOTHES.GET
MD;EYES:IMMED F LUSH W/PLENTY OF H*2O FOR AT LEAST 15 MIN.GET MD.

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Fire Fighting Measur
es
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Flash Point Method:CC
Flash Point:=-3.7C, 25.F
Autoignition Temp:=-215.C, 419.F
Lower Limits:1.05
Upper Limits:6.7
Extinguishing Media:DRY CHEMICALS,FOAM,CO*2;WATER SPRAY TO KEEP EXPSD
CANS COOL
Fire Fighting Procedures:USE H*2O TO COOL EXPD CONTRS. USE SCBA & FULL
PROT.CLTHG.
Unusual Fire/Explosion Hazard:ABOVE FLASH POINT,VAP-AIR MIXTURES ARE
EXPLOSIVE.A DANGEROUS EXPLOSION HAZARD WHEN HEATED.

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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*2O,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,OX
IDZG
MATL.OUTSIDE OR DETACHED STORAGE IS PREFERRED.
Other Precautions:KEEP AWAY FROM HEAT,SPARKS,FLAMES.KEEP CONTNRS
CLOSED.USE W/ADEQUATE VENT.AVOID BRTHG VAPS.WASH THOROUGHLY AFTER
HNDLG.BOND/GROUND CONTNRS WHEN TRNSFRG MATERL.USE NON-SPARKG TYPE
TOOL & EQUIP.

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Exposure Controls/Personal Protection
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Respiratory Protection:FULL FACE RESPIRATOR
Ventilation:LOCAL EXHAUST TO MAINTN BELOW TLV.
Protective Gloves:IMPERVIOUS
Eye Protection:SAFETY/CHEM GOGG

LES

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

Supplemental Safety and Health

MSDS FROM MFR DATED 30 JUL, 85 CONFORMS TO OSHA HAZ COMM STD.

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

HCC:F2

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=98.3C, 209.F

Vapor Pres:40

Vapor Density:3.5

Spec Gravity:0.683

Appearance and Odor:COLORLESS LIQ.MILD GASOLINE-LIKE ODOR.

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

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Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:HEAT, IGNITION SOURCES

Hazardous Decomposition Products:CO, CO*2 WHEN HEATED TO DECOMPOSITION

===== 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): NOT KNOWN

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