

MALLINCKRODT INC.,SCIENCE PRODUCTS DIVISION -- HEXANES -- 6810-00-949-0257

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Product Identification
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Product ID:HEXANES

MSDS Date:01/01/1987

FSC:6810

NIIN:00-949-0257

MSDS Number: BFYTT

=== 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:HEXANE (N-HEXANE)

CAS:110-54-3

RTECS #:MN9275000

Fraction by Wt: >99%

OSHA PEL:500 PPM

ACGIH TLV:50 PPM; 9293

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

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Hazards Identification
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Effects of Overexposure:INH:MILD IRRITNT;ING:CAUSES NAUSEA,ABDOMNL PAIN,BLURD VISION;SKIN:IRRITATION,DRYNSS;EYES:IRRITN.

===== First Aid Measures =====

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 Measures =====

Flash Point:-21.7C(-7F)-CC
Autoignition Temp:Autoignition Temp Text:225C
Lower Limits:1.1
Upper Limits:7.5
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.CONTACT W/OXIDIZERS MAY CAUSE FIRE & EXPLOSION.

===== Accidental Release M easures =====

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.

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

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.

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

Respiratory Protection:SCBA, SUPPLIED AIR RESPIRATOR
Ventilation:LOCAL EXHAUST TO MAINTN BELOW TLV.
Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY/CHEM GOGGLES
Other Protective Equipment:FULL PROTECTIVE CLOTHING,SAFETY SHOWER,EYE
WASH STATION

Supplemental Safety and Health
MSDS FROM MFR DATED 31JAN85,CONFORMS TO OSHA HAZ COMM STD

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

HCC:F2
Boiling Pt:B.P. Text:68C(157F)
Vapor Pres:124
Vapor Density:3.0
Spec Gravity:0.7
Evaporation Rate & Reference:NO INFORMATION FD
Solubility in Water:NEGLIGIBLE
Appearance and Odor:CLEAR VOLATILE LIQUID.GASOLINE-LIKE ODOR.

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS.DINITROGE TETRAOXIDE
Stability Condition to Avoid:HEAT, IGNITION SOURCES
Hazardous Decomposition Products:CO, CO*2

===== 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.D
O NOT FLUSH TO SEWER.ENSURE
COMPLIANCE W/FED,STATE & LOCAL R EGS.

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