

MALLINCKRODT INC.,SCIENCE PRODUCTS DIVISION -- HEXANES -- 6810-00-050-3426

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Product Identification
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Product ID:HEXANES

MSDS Date:07/13/1987

FSC:6810

NIIN:00-050-3426

MSDS Number: BCWBQ

=== Responsible Party ===

Company Name:MALLINCKRODT INC.,SCIENCE PRODUCTS DIVISION

Address:PARIS BYPASS

Box:M

City:PARIS

State:KY

ZIP:40361

Country:US

Emergency Phone Num:(314)982-5000

Preparer's Name:NOT

PROVIDED

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,ABDOMAL 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 Method:CC
Flash Point:=-21.5C, -7.F
Autoignition Temp:=-225.C, 437.F
Lower Limits:1.1
Upper Limits:7.5
Extinguishing Media:DRY CHEMICALS,FOAM,CO*2;WATER SPRAY TO KEEP EXPD 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 Measures =====

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.CONTAIN & 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 A

REA 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 =====

Respiratory Protection:SCBA, SUPPLIED AIR RESPIRATOR

Ventilation:LOCAL EXHAUST TO MAINTN BELOW TLV.

Protective Gloves:IM

PERVIOUS

Eye Protection:SAFETY/CHEM GOGGLES

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

Supplemental Safety and Health

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

HCC:F2

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=69.4C, 157.F

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,COLORLESS,ODORLESS SOLUTION

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS.DINITROGEN TETRAOXIDE

Stability Condition to Avoid:HEAT, IGNITION SOURCES

Hazardous Decomposition Products:TOXIC GASES & VAPORS MAY BE RELEASED

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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 N

OT FLUSH TO SEWER.ENSURE
COMPLIANCE W/FED,STATE & LOCAL R EGS.

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