

MALLINCKRODT INC.,SCIENCE PRODUCTS DIVISION -- HEXANES -- 6810-00-058-1931

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Product Identification
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Product ID:HEXANES

MSDS Date:01/01/1987

FSC:6810

NIIN:00-058-1931

MSDS Number: BCWMV

=== 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

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
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Identification =====

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.

===== 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 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.

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===== 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.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 VENTILATED AREA AWAY FROM IGNITION/HEAT SOURCES, OXIDIZING MATERIAL OUTSIDE OR DETACHED STORAGE IS PREFERRED.
Other Precautions: KEEP AWAY FROM HEAT, SPARKS, FLAMES. KEEP CONTAINERS CLOSED. USE WITH ADEQUATE VENTILATION. AVOID BREATHING MIST. WASH THOROUGHLY AFTER HANDLING. BOND/GROUND CONTAINERS WHEN TRANSFERRING LIQUID. USE NON-SPARKING TYPE TOOL & EQUIP.

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

Respiratory Protection: SCBA, SUPPLIED AIR RESPIRATOR
Ventilation: LOCAL EXHAUST TO MAINTAIN BELOW
TLV.
Protective Gloves: IMPERMEABLE
Eye Protection: SAFETY/CHEMICAL GOGGLES
Other Protective Equipment: FULL PROTECTIVE CLOTHING, SAFETY SHOWER, EYE
WASH STATION
Supplemental Safety and Health
MSDS FROM MFR DATED 31 JAN 85, CONFORMS TO OSHA HAZ COMM STD.

===== 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 FOUND
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. DINITROGEN TETRAOXIDE
Stability Condition to Avoid: HEAT, IGNITION SOURCES
Hazardous Decomposition Products: CO, CO₂

===== Disposal Considerations =====

Waste Disposal Methods: LG SPILL & LOT SIZES OF HAZ WASTE CAN BE
ATOMIZED IN A RCRA APPROVED COMBUSTION CHAMBER

BER OR DISPOSED OF IN A

RCRA APPROVED LAND FILL FACILITY.DO NOT FLUSH TO SEWER.ENSURE
COMPLIANCE W/FED,STATE & LOCAL R EGS.

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