

## **HEXANES**

### **MSDS Number**

BCWBQ

### **National Stock Number**

6810-00-050-3426

### **Product Name**

HEXANES

### **Manufacturer**

MALLINCKRODT INC SCIENCE PRODUCTS DIV

### **Product Identification**

Product ID:HEXANES

MSDS Date:07/13/1987

FSC:6810

NIIN:00-050-3426

MSDS Number: BCWBQ

### **Responsible Party**

MALLINCKRODT INC.,SCIENCE PRODUCTS DIVISION

PARIS BYPASS

PARIS , KY 40361

US

Emergency Phone: (314)982-5000

Preparer: NOT PROVIDED

Cage: 62910

### **Contractor**

MALLINCKRODT SPECIALTY CHEMICALS CO

PHILLIPSBURG, NJ 08865

US

908-859-2151

Cage: 62910

### **Ingredients**

HEXANE (N-HEXANE)

CAS: 110-54-3

RTECS: MN9275000

Fraction By Weight: >99%

OSHA PEL500 PPM

ACGIH TLV: 50 PPM; 9293

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

### **Hazards**

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

### **First Aid**

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

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.

## Accidental Release

Spill Release Procedures:RMV IGN SOURCES.VENT AREA.USE RESP PROTCTON & 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

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

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

## 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

## Stability

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

## Disposal

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.

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