

J.T.BAKER CHEMICAL CO. -- HEXANES -- 6810-00-949-0257

=====  
Product Identification  
=====

Product ID:HEXANES

MSDS Date:01/01/1987

FSC:6810

NIIN:00-949-0257

MSDS Number: BFYTV

=== Responsible Party ===

Company Name:J.T.BAKER CHEMICAL CO.

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865-2219

Country:US

Info Phone Num:201-859-2151

Emergency Phone Num:201-859-2151

CAGE:DO870

=== Contra

ctor Identification ===

Company Name:J.T.BAKER CHEMICAL CO.

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865-2219

Country:US

Phone:201-859-2151

CAGE:DO870

Company Name:MALLINCKRODT BAKER, INC.

Address:222 RED SCHOOL LANE

Box:City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Phone:800-582-2537

CAGE:70829

=====  
Composition/Information on Ingredients  
=====

Ingred Name:HEXANE (N-HEXANE)

CAS:110-54-3

RTECS #:MN9275000

Fraction by Wt: >70%

OSHA PEL:500 PPM

ACGIH TLV:

50 PPM; 9293  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:METHYL PENTANE  
CAS:43133-95-5  
RTECS #:SA2994000  
Fraction by Wt: >17%  
OSHA PEL:500 PPM/1000 STEL  
ACGIH TLV:500 PPM/1000STEL8990

Ingred Name:METHYLCYCLOPENTANE; CAS #96-37-7  
CAS:96-37-7  
RTECS #:GY4640000  
Fraction by Wt: >12%

Ingred Name:DIETHYLBUTANES  
Fraction by Wt: >1.0%

Ingred Name:BENZENE (SARA III)  
CAS:71-43-2  
RTECS #:CY1400000  
OSHA PEL:1PPM/5STEL;1910.1028  
ACGIH TLV:10 PPM; A2; 9192  
EPA Rpt Qty:10 LBS  
DOT Rpt Qty:10 LBS

=====  
===== Hazards Identification =====

Effects of Overexposure:INHAL:VAP CAUSES HEAD,NAUSEA,VOMIT,IRRIT RESP  
TRACT;EYES:IRRITG;SKIN:DEFATTG,DRYNSS;INGEST:DIZZ,NAUS

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

First Aid:SKIN:WASH W.SOAP & H\*2O. EYES:FLUSH W. H\*2O. INGESTED:DON'T  
INDUCE VOMITING. INHALED:REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF  
NEED. KEEP WARM & QUIET. REMOVE CONTAMINATED CLOTHING. NEVER GIVE  
ANYTHING BY MOUTH TO UN  
CONSCIOUS PERSON.

===== Fire Fighting Measures =====

Flash Point:-7F/-22C (CC)  
Lower Limits:1.1  
Upper Limits:7.5  
Extinguishing Media:CO\*2, FOAM, DRY CHEM.  
Fire Fighting Procedures:WEAR SELF-CNTD BRTHG,APP H\*20 SPRAY TO COOL  
CONTR.  
Unusual Fire/Explosion Hazard:FLASHBACK ALONG VAPOR TRAIL MAY OCCUR;  
VAP MAY EXPL. IF IGNITED IN AN ENCLOSED AREA.

===== Accidental Release Measures =====

Spill Release Procedures:REMOVE IGNITION

SOURCES, VENTILATE AREA

WELL. ABSORB WITH VERMICULITE OR OTHER MATERIALS, SUCH AS SAWDUST, RAGS, PAPER & PLACE IN CLOSED CONTAINER. USE NON SPARKING TOOLS. WEAR PROPER PROTECTIVE EQUIPMENT DURING CLEAN UP.

=====  
Handling and Storage

Handling and Storage Precautions: STORE IN COOL, DRY, WELL VENTILATED, LOW FIRE RISK AREA. PROTECT FROM PHYSICAL DAMAGE. KEEP CONTAINERS CLOSED. MAINTAIN STRICT HYGIENE FOR CHEM HANDLING.

Other Precautions: AVOID BREATHING VAPORS. GROUND CONTAINERS WHEN TRANSFERRING FLUID.

=====  
Exposure Controls/Personal Protection

Respiratory Protection: WEAR SELF-CONTAINED BREATHING APP  
Ventilation: MECH(GEN) OR LOCAL EXHAUST THAT PROVIDES ADEQUATE VENTILATION

Protective Gloves: NEOPRENE

Eye Protection: SAFETY/CHEM GOGGLES

Other Protective Equipment: IMP. & FULL PROT./BOOTS, EYEWASH FNT, O\*2 SUPPLY, SAFSHW.

Supplemental Safety and Health  
MSDS FROM J.T. BAKER, EFFECTIVE: 9/26/86

=====  
Physical/Chemical Properties

HCC: F2  
Boiling Pt: B.P. Text: 156F/69C  
Vapor Pres: 124  
Vapor Density: 3.0  
Spec Gravity: 0.66  
Evaporation Rate & Reference: 9.0 (BU-ACETATE=1)  
Solubility in Water: NEGLIGIBLE  
Appearance and Odor: COLORLESS LIQUID WITH MILD ODOR.  
Percent Volatiles by Volume: 100

=====  
Stability and Reactivity Data

Stability Indicator/Materials to Avoid: YES  
STRONG OXIDIZING AGENTS, CHLORINE, FLUORINE, MAGNESIUM PERCHLRT  
Stability Condition t

o Avoid:HEAT,IGNITION SOURCES

Hazardous Decomposition Products:INCOMPLETELY BURNED CARBON PRODUCTS,  
CO\*2, CO.

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

Waste Disposal Methods:KEEP IN COVERED DRUMS,PENDING DISPOSAL. HANDLE &  
DISPOSE IN FULL COMPLIANCE WITH ALL APPLICABLE  
INTERNATIONAL,FEDERAL,STATE, & LOCAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Departm  
ent

of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.