

J.T. BAKER CHEMICAL CO. -- PENTANE, TECHNICAL -- 6810-00-984-9784

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Product Identification  
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Product ID: PENTANE, TECHNICAL

MSDS Date: 01/01/1985

FSC: 6810

NIIN: 00-984-9784

MSDS Number: CHMCY

=== 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: 908-859-2151

Emergency Phone Num: 908-859-2151

CAGE: 5B970

=== Contractor Identification ===

Company Name: J.T. BAKER CHEMICAL COMPANY SUB OF RICHARDSON-VICKS INC

Address: 995 ZEPHYR AVE

Box: City: HAYWARD

State: CA

ZIP: 94544-7917

Country: US

Phone: UNK

CAGE: 5B970

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

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Composition/Information on Ingredients  
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Ingred Name: PENTANE

CAS: 109-66-0

RTECS #: RZ9450000

Other REC Limits: N

ONE RECOMMENDED  
OSHA PEL:1000 PPM/750 STEL  
ACGIH TLV:600 PPM/750STEL;9293

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Hazards Identification  
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Health Hazards Acute and Chronic:NONE SPECIFIED BY MANUFACTURER.  
Explanation of Carcinogenicity:NONE SPECIFIED BY MANUFACTURER.  
Effects of Overexposure:EYE/SKIN: IRRITATION. VAPORS:HARMFUL IF  
INHALED,DIZZY OR DIFFICULT BREATHING,NARCOTIC EFFECT.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY M  
ANUFACTURER.

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First Aid Measures  
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First Aid:EYE: FLUSH WITH WATER 15 MINUTES. SKIN: WASH WITH WATER.  
INHALATION: REMOVE TO FRESH AIR,GIVE ARTIFICAL RESPIRATION IF  
NEEDED,CALL A PHYSICIAN.

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Fire Fighting Measures  
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Flash Point:-59F/-50C (CC)  
Lower Limits:1.4  
Upper Limits:8.3  
Extinguishing Media:ALCOHOL FOAM,DRY CHEM,CARBON DIOXIDE,WATER MAY BE  
INEFFECTIVE.  
Fire Fighting Procedures:COOL EXPOS  
ED CONTAINERS WITH WATER SPRAY/FOG.  
Unusual Fire/Explosion Hazard:SEVERE EXPLOSION HAZARD WHEN EXPOSED TO  
HEAT OR FLAME,SHOCK CAN SHATTER METAL CONTAINER AND RELEASE  
CONTENTS.

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Accidental Release Measures  
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Spill Release Procedures:ELIMINATE ALL IGNITION SOURCES. ABSORB ON  
SAND,EARTH OR VERMICULITE. CAREFULLY SWEEP UP AND REMOVE. FLUSH  
SPILL AREA WITH WATER. ALTERNATIVELY USE J.T. BAKER'S FLAMMABLE  
SOLVENT SPILL CLEAN UP KIT OR SOLUSORB  
SOLVENT ABSORBENT.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage  
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Handling and Storage Precautions:KEEP AWAY FROM HEAT,SPARKS,HOT METAL  
SURFACE & OPEN FLAME. KEEP IN TIGHTLY CLOSED CONT. PROTECT FROM  
PHYSICAL DAMAGE, STATEIC GROUND.  
Other Precautions:USE WITH ADEQUATE VENTILATION,AVOID PROLONGED OR  
REPEATED CONTACT WITH SKIN.

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Exposure Controls/Personal Protection  
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Respiratory Pro

tection:SELF-CONTAINED BREATHING APPARATUS (MFG)  
Ventilation:LOCAL EXHAUST/MECHANICAL  
Protective Gloves:RUBBER  
Eye Protection:FULL FACE SHIELD/GOGGLES  
Other Protective Equipment:FULL PROTECTIVE CLOTHING;EYE WASH;SAFETY  
SHOWER.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

STATIC DISCHARGE FROM THE HUMAN BODY CAN CAUSE IGNITION OF VAPORS.

FLASHBACK ALONG VAPOR TRAIL MAY OCCUR. CONTAINER SIZE: 2 KG BOTTLE.

===== Physical/Chemical Prop  
erties =====

HCC:F2

Boiling Pt:B.P. Text:97F/36C

Vapor Pres:500

Vapor Density:2.5

Spec Gravity:0.63

Solubility in Water:APPREICABLE

Appearance and Odor:LIQUID,COLORLESS,WITH FAINT GASOLINE ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:CARBON MONOXIDE CARBON DIOX  
IDE,AND

OTHER HYDROCARBONS.

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

Waste Disposal Methods:BURN ABSORBENT WITH OTHER FLAMMABLE MATERIAL.

ATOMIZE LIQUID INTO AN INCINERATOR,PROVIDING LOCAL,STATE & FEDERAL  
ENVIRON MENTAL REGULATIONS.

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