

PENTANE, 9333

MSDS Number

BXFGM

National Stock Number

6810-00N058618

Product Name

PENTANE, 9333

Manufacturer

J T BAKER INC

Product Identification

Product ID:PENTANE, 9333

MSDS Date:10/01/1985

FSC:6810

NIIN:00N058618

MSDS Number: BXFGM

Responsible Party

J T BAKER INC

222 RED SCHOOL LANE

PHILLIPSBURG , NJ 08865

US

Emergency Phone: 800-424-9300(CHEMTREC)

Info Phone: 908-859-2151

Cage: DO803

Contractor

MALLINCKRODT BAKER, INC.

PHILLIPSBURG, NJ 08865

US

800-582-2537

Cage: 70829

Ingredients

PENTANE

CAS: 109-66-0

RTECS: RZ9450000

Fraction By Weight: 90-100%

OSHA PEL1000 PPM

ACGIH TLV: 600 PPM

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHALATION OF VAPORS MAY CAUSE NARCOSIS.

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:INGEST:CALL MD IMMEDIATELY . EYES:IMMEDIATELY FLUSH W/POTABLE WATER FOR A MINIMUM OF 15 MINUTES, SEEK ASSISTANCE FROM MD . SKIN:FLUSH W/COPIOUS AMOUNTS OF WATER. CALL MD . INHALATION :REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.

Fire Fighting

Flash Point:-40F,-40C
Lower Limits:1.4%
Upper Limits:8.0%
Extinguishing Media:USE ALCOHOL FOAM, DRY CHEMICAL OR CARBON DIOXIDE. (WATER MAY BE INEFFECTIVE).
Fire Fighting Procedures:WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP MOVE EXPOSED CNTNRS FROM FIRE AREA IF IT CAN BE DONE W/OUT RISK. USE WATER TO KEEP FIRE-EXPOSED CNTNRS COOL.
Unusual Fire/Explosion Hazard:VAPS MAY FLOW ALONG SURF TO DIST IGNIT SOURCES & FLASH BACK. CLSD CNTNRS EXPOSED TO HEAT MAY EXPLODE. CONT W/STRONG OXIDIZERS MAY CAUSE FIRE.

Accidental Release

Spill Release Procedures:WEAR SUITABLE PROT CLTHG. SHUT OFF IGNIT SOURCES; NO FLARES, SMKG/FLAMES IN AREA. STOP LEAK IF YOU CAN DO SO W/OUT RISK. USE WATER SPRAY TO REDUCE VAPS. TAKE UP W/SAND/OTHER NON-COMBUST ABSORB MATL & PLACE INTO CNTNRS FOR LATER DISP. FLUSH(SUPDAT)
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:DANGER! EXTREMELY FLAMMABLE. HARMFUL IF INHALED. KEEP AWAY FROM HEAT, SPARKS, FLAME. AVOID BREATHING VAPOR. KEEP IN TIGHTLY CLOSED CONTAINER.
Other Precautions:USE WITH ADEQUATE VENT. BOND AND GROUND CONTAINERS WHEN TRANSFERRING LIQUID. KEEP CONTAINER TIGHTLY CLOSED. STORE IN A COOL, DRY, WELL-VENTILATED, FLAMMABLE LIQUID STORAGE AREA.

Exposure Controls

Respiratory Protection:RESP PROT REQ IF AIRBORNE CONC EXCEEDS TLV. AT CONCS UP TO 5000 PPM, NIOSH/MSHA APPRVD CHEM CARTRIDGE RESP W/ORG VAP CARTRIDGE IS RECOM. ABOVE THIS LEVEL, A NIOSH/MSHA APPRVD SCBA IS RECOMMENDED.
Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO MEET TLV REQUIREMENTS.
Protective Gloves:NEOPRENE GLOVES ARE RECOMMENDED.
Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS.
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health
SPILL PROC:AREA WITH WATER. J. T. BAKER SOLUSORB SOLVENT ABSORBENT IS RECOMMENDED FOR SPILLS OF THIS PRODUCT.

Chemical Properties

Boiling Pt:B.P. Text:97.0F,36.1C
Melt/Freeze Pt:M.P/F.P Text:-202F,-130C
Vapor Pres:400
Vapor Density:2.5
Spec Gravity:0.62 (H*20=1)
Evaporation Rate & Reference:28.5 (BUTYL ACETATE=1)
Solubility in Water:NEGLIGIBLE (Appearance and Odor:CLEAR, COLORLESS LIQUID WITH MILD ODOR.
Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS.
Stability Condition to Avoid:HEAT, FLAME, SOURCES OF IGNITION.
Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

Disposal

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH ALL APPLICABLE
FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

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