

#02052

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***** MATERIAL SAFETY DATA SHEET *****

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IDENTITY: KEROSENE (DEODORIZED)
 FORMULA: Mixture of Petroleum Hydrocarbons
 COMMON SYNONYMS: Kerosine

NIOSH/RTECS NO.: 0A5500000
 PRODUCT CODE: P339

WARNING: This instrument contains one or more of the following components: Kerosene, Toluene, Pentane with Aniline Dye. Inhalation of the vapor may cause irritation of the respiratory tract and a mild narcotic effect. Contact with skin or eyes may cause a mild to severe irritation. If broken, it must be disposed of in accordance with applicable laws and regulations.

SECTION I - GENERAL INFORMATION

MANUFACTURER: J.T. BAKER, 222 Red School Lane, Phillipsburg, NJ 08865
 EMERGENCY PHONE (24 HOURS): 201-859-2151
 NATIONAL RESPONSE CENTER #: 800-424-8802
 DATE EFFECTIVE: 09-20-85

CHEMTREC #: 800-424-9300
 PREPARED BY: N/A
 DATE ISSUED: 12-16-85

PRECAUTIONARY LABELLING

BAKER SAF-T-DATA™ SYSTEM:
 HEALTH: 1 (Slight) FLAMMABILITY: 2 (Moderate) REACTIVITY: 1 (Slight) CONTACT: 1 (Slight)

LABORATORY PROTECTIVE EQUIPMENT:
 Safety Glasses Lab Coat Vent Hood Proper Gloves Extinguisher

PRECAUTIONARY LABEL STATEMENT:
CAUTION! COMBUSTIBLE Keep away from heat, spark, flame. Keep in tightly closed container. Wash thoroughly after handling. In case of fire, use water spray, alcohol foam, dry chemical, or carbon dioxide. Flush spill area with water spray.

SECTION II - INGREDIENT INFORMATION

HAZARDOUS: Kerosene, (Deodorized) 90-100% CAS #: 8008-20-6

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: N/A SPECIFIC GRAVITY (H₂O=1): 0.78 EVAPORATION RATE: N/A
 MELTING POINT: N/A VAPOR PRESSURE (mm Hg): N/A VAPOR DENSITY (air=1): N/A
 % VOLATILES BY VOL: N/A WATER SOLUBILITY: Negligible (<0.1%)
 APPEARANCE/ODOR: Pale yellow to clear oily liquid with fuel-like odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 77°C (170°F)
 NFPA 704M RATING: HEALTH: 1 FLAMMABILITY: 2 REACTIVITY: 0
 FLAMMABLE LIMITS: LEL: 0.7% UEL: 5%

EXTINGUISHING MEDIA: Use water spray, carbon dioxide, dry chemical or ordinary foam.

SPECIAL FIRE FIGHTING PROCEDURES:
 Firefighters should wear proper protective equipment and self-contained (positive pressure if available) breathing apparatus with full facepiece. Move exposed containers from fire area if it can be done without risk. Use water to keep fire-exposed containers cool.

UNUSUAL FIRE & EXPLOSION HAZARDS:
 Vapors may flow along surfaces to distant ignition sources and flash back. Closed containers exposed to heat may explode. Contact with strong oxidizers may cause fire.

SECTION V - REACTIVITY DATA

STABILITY: STABLE X UNSTABLE
 HAZARDOUS POLYMERIZATION: MAY OCCUR WILL NOT OCCUR X
 CONDITIONS TO AVOID: Heat, flame, sources of ignition.
 INCOMPATIBILITY: Strong oxidizing agents.
 HAZARDOUS DECOMPOSITION OR BYPRODUCTS: N/A

SECTION VI - HEALTH HAZARD DATA

TOXICITY DATA: ORAL-RABBIT LD50: 28 g/kg
 CARCINOGENICITY: N/A
 HEALTH HAZARDS: See below.
 EFFECTS OF OVEREXPOSURE:
 Inhalation of vapors may cause headache, nausea, dizziness, fatigue and weakness in arms and legs. Inhalation of vapors may cause coughing and difficult breathing. Contact with skin or eyes may cause severe irritation or burns. Ingestion may cause nausea, vomiting, headaches, dizziness, gastrointestinal irritation.

EMERGENCY & FIRST AID PROCEDURES: N/A

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SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

SPILL RESPONSE:

Wear suitable protective clothing. Shut off ignition sources; no flares, smoking, or flames in area. Stop leak if you can do so without risk. Use water spray to reduce vapors. Take up with sand or other non-combustible absorbent material and place into container for later disposal. Flush area with water.

J.T. BAKER SOLUSORB® solvent adsorbent is recommended for spills of this product.

WASTE DISPOSAL: Dispose of accordance with all applicable federal, state, and local environmental regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE: SAF-T-DATA™ Storage Color Code: Red

OTHER PRECAUTIONS: Keep container tightly closed. Store in a cool, dry, well-ventilated, flammable liquid storage area or cabinet.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION:

None required where adequate ventilation conditions exist. If airborne concentration is high, a chemical cartridge respirator with organic vapor cartridge is recommended. If concentration exceeds capacity of cartridge respirator, a self-contained breathing apparatus.

VENTILATION: Use local exhaust ventilation or process enclosure.

SKIN/EYE PROTECTION: Safety glasses with sideshields, proper gloves are recommended.

OTHER PROTECTIVE EQUIPMENT: N/A

SECTION IX - TRANSPORTATION DATA

DOMESTIC (D.O.T.)

PROPER SHIPPING NAME: Kerosene
HAZARD CLASS: Combustible Liquid
UN/NA: UN1223
LABELS: NO LABEL REQUIRED UNDER 110 GALLONS

INTERNATIONAL (I.M.O.)

PROPER SHIPPING NAME: Kerosene
HAZARD CLASS: 3.3
UN/NA: UN1223
LABELS: FLAMMABLE LIQUID

KEY: N/A = Not applicable or not available N/D = Not determined