MATERIAL SAFETY DATA SHEET

SECTION I

MANUFACTURER'S NAME: Parks Corporation

STREET ADDRESS: One West Street

CITY, STATE & ZIP: Fall River, MA 02720

EMERGENCY TELEPHONE: (508) 679-4938

CHEMICAL NAME & STRUCTURE: Kerosene

CHEMICAL FAMILY: Aliphatic

CLASSIFICATION: Petroleum

HYDROCARBON

TRADE NAME: AIR KEROSENE (E-1)

STORAGE CODES: Gallon #12030

FORMULAS: Complex mixture of petroleum hydrocarbons

REVIEWED: 06/13/97

SECTION II - HAZARDOUS INGREDIENTS

SOLVENTS, PRESERVATIVES & SOLVENTS

Kerosene

CAS #: 8008-20-6

NFPA: "Not Established"

NADA 211 COMPONENTS: None.

PHOSPHATES: N.A.

CATALYST: N.A.

VEHICLE: N.A.

NFPA RATINGS: Health 1

Flammability 2

Reactivity 0

SECTION III - PHYSICAL DATA

BOILING POINT (°F): 243-110°F

SPECIFIC GRAVITY (D20°/4°C): 0.83

FLASH POINT (°F): 120°F

VAPOR PRESSURE (mmHg): Less than 3

EVAPORATION RATE: Slower

VAPOR DENSITY (AIR=1): heavier

SOLUBILITY IN WATER: Negligible

V.O.C.: 884 g/l

APPEARANCE: Colorless, odorless

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): TAG (C 130°F)

FLAMMABLE LIMITS

LEL: 0.98

UEL: 6.0%

EXTINGUISHING MEDIA: Foam, dry chemical, CO2, water spray or fog.

SPECIAL FIRE FIGHTING PROCEDURES: Use air supplied rescue equipment for enclosed areas.

Cool exposed containers with water. Avoid breathing vapor or fumes.
SECTION IV - FIRE AND EXPLOSION HAZARD DATA (CONT'D)

FIRE AND EXPLOSION HAZARD: Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, or other flames and ignition sources at locations distant from material handling point. Never use welding or cutting tools near open containers (even empty) because product (even just residues) can ignite explosively. Auto-Ignition Temp - No data.

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: See Section II.

EFFECTS OF OVEREXPOSURE

EYE CONTACT: Exposure can cause severe eye irritation. Symptoms may include tearing, redness, swelling and eye damage. Additional symptoms of eye exposure may include blurred vision.

SKIN CONTACT: Exposure may cause mild skin irritation. Prolonged or repeated exposure may dry the skin. Symptoms may include redness, burning, drying and cracking and skin burns. Skin absorption is possible, but harmful effects are not expected from this route of exposure under normal conditions of handling and use.

INGESTION (SWALLOWING): Single dose oral toxicity is low. Swallowing small amounts during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. This material can enter the lungs during swallowing or vomiting and cause lung inflammation and/or death.

INHALATION: Exposure to vapors or mist is possible. Short-term inhalation toxicity is low. Breathing small amounts during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms are more typically seen at air concentrations exceeding the recommended exposure limits.

SYMPTOMS OF EXPOSURE: Signs and symptoms of exposure to this material through breathing, swallowing and/or passage of the material through the skin may include gastrointestinal irritation (nausea, vomiting, diarrhea, irritation, nose, throat, respiratory tract), central nervous system depression (disorientation, dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness) and death.

TOXIC ORGAN EFFECTS: No data.

DEVELOPMENTAL INFORMATION: Based on the available information, this material cannot be classified with regard to risk to the fetus from maternal exposure to this material.

CANCER INFORMATION: This product has not been designated as a petroleum-derived material. Similar materials and certain compounds occurring naturally in petroleum oils have been shown to cause skin cancer in laboratory animals following repeated exposure without washing or removal.

OTHER HEALTH EFFECTS: To data.

PRIMARILY ROUTES OF ENTRY: Inhalation, skin contact, eye contact.

EMERGENCY AND FIRST AID PROCEDURE

EYE CONTACT: If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyes open. Seek immediate medical attention.

SKIN CONTACT: Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

INGESTION (SWALLOWING): Seek medical attention. If individual is unresponsive, do not give anything by mouth. Place individual on the left side with head down and contact a physician, medical facility or poison control center for advice about whether to induce vomiting. If possible, do not move individual unattended.

INHALATION: If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet. Seek immediate medical attention.
NOTE TO PHYSICIANS: Pre-existing disorders of the following organs (or organ systems) may be exacerbated by exposure to this material.

STABILITY: Stable.

CONDITIONS TO AVOID: Keep away from heat, sparks, open flame and all other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidants like liquid chlorine, concentrated oxygen, sodium or calcium hypochlorides.

HAZARDOUS DECOMPOSITION PRODUCTS: Fumes, smoke and carbon monoxide in the case of incomplete combustion.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: N.A.

SECTION VII - SPILL OR LEAK PROCEDURES

SMALL SPILL: Absorb liquid on vermiculite. Floor absorbent or other absorbent material and transfer to hood.

LARGE SPILL: Eliminate all ignition sources (flares, flames, including pilot lights, electrical sparks). Persons not wearing protective equipment should be excluded from area of spill until cleanup has been completed. Stop spill at source. Prevent from entering drains, sewers, streams or other bodies of water. Prevent from spreading. If runoff occurs, notify authorities as required. Pump or vacuum transfer spilled product to clean containers for recovery. Absorb uncontaminated product. Transfer contaminated absorbent, soil and other materials to containers for disposal. Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities as required. That a spill has occurred.

WASTE DISPOSAL METHOD: Assure conformity with applicable disposal regulations. Dispose of absorbed material at an approved disposal site or facility.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFIC TYPE): Use of NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control.

VENTILATION

LOCAL EXHAUST Recommended.

MECHANICAL (UNMONITORED): Yes.

SPECIAL: Use only with adequate ventilation.

OTHER: No smoking.

PROTECTIVE GLOVES: Chemical resistant gloves.

EYE PROTECTION: Splash goggles or face shield.

OTHER PROTECTIVE EQUIPMENT: Use chemical resistant apron or other clothing if needed to avoid repeated or prolonged skin contact.

* Adequate means equivalent to outdoors.
SECTION IX - STORAGE AND SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Containers of this material may be hazardous when unpacked. Since unpacked containers retain product residues (vapors, liquid) and/or solid, all hazard precautions given in the data sheet must be observed. All 5-gallon pail and larger metal containers, including tank cars and tank trucks, should be grounded and/or bonded when material is transferred. Emergency eyewash fountains and safety showers should be available in the immediate vicinity of potential exposure. Hydrocarbon solvents are basically non-conductors of electricity and can become electrostatically charged during mixing, filtering or pumping at high flow rates. If this charge reaches a sufficiently high level, sparks can form that may ignite the vapors of flammable liquids.

WARNING: Sudden release of hot organic chemical vapors or mists from process equipment operating at elevated temperature and pressure or sudden ingress of air into vacuum equipment, may result in ignitions without the presence of obvious ignition sources. Published "auto-ignition" or "ignition" temperature values cannot be trusted as safe operating temperatures in chemical processes without analysis of the actual process conditions. Any use of this product in elevated temperature processes should be thoroughly evaluated to establish and maintain safe operating conditions.

OTHER PRECAUTIONS: Avoid breathing vapors. Avoid prolonged or repeated contact with skin. Remove contaminated clothing, launder before reuse. Remove contaminated shoes and thoroughly dry before reuse. Wash skin thoroughly with soap and water after contact.

OTHER REGULATORY INFORMATION: The State of California's Safe Drinking Water and Toxic Enforcement Act of 1986 (Prop 65) develops a list of chemicals that require specific warnings relating to cancer and/or reproductive toxicity. This product contains the following chemicals subject to the reporting requirements of the State of California's Safe Drinking Water and Toxic Enforcement Act of 1986 (Prop 65):

<table>
<thead>
<tr>
<th>Chemical</th>
<th>CAS #</th>
<th>QUANTITY</th>
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<tbody>
<tr>
<td>Toluene*</td>
<td>108-88-3</td>
<td>200 ppm (approx.)</td>
</tr>
<tr>
<td>Benzene*</td>
<td>71-43-2</td>
<td>200 ppm (approx.)</td>
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*The warning on the product states:

WARNING: USE OF THIS PRODUCT WILL EXPOSE YOU TO CHEMICALS WHICH IS KNOWN TO CAUSE CANCER AND TO TOLUENE WHICH IS KNOWN TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

Not included in Section II as this chemical is less than 1% of the formula.

No data.

SECTION XI - ECOLOGICAL INFORMATION

No data.

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