

**SECTION I - Distributor's Information**

**Manufacturer:** Rite-Kem, Inc.  
**Address:** 703 Westmoreland Dr. Tupelo, MS 38801  
**Phone:** (662) 840-6060 or (800) 841-5351  
**Emergency Phone:** CHEMTREC: (800) 424-9300  
**Date Prepared:** 9/18/2009 **Date Revised:** 7/15/1990

**\*\*HMIS Rating Health -2 Flammability -2 Reactivity -0**

**SECTION II - Hazardous Components of Mixture**

The precise composition of this product is proprietary information. In the event of a medical emergency, a complete disclosure will be provided to medical personnel.

<u>Components</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
C10-C13 iso-Alkanes	68551-17-7	not established	not established

**SECTION III - Physical Characteristics**

**Boiling Point:** 355-408°F  
**Vapor Pressure:** 1.5 mmHg at 100°F  
**Vapor Density:** > 3 (air=1)  
**Specific Gravity:** 0.753  
**Evaporation Rate:** < 1 (butyl acetate =1)  
**Solubility in Water:** Negligible  
**Appearance and Odor:** Clear, amber liquid; mild solvent odor  
**%VOC's (by weight):** 100% (6.27#/gal)

**SECTION IV - Fire and Explosion Data**

**Flash Point:** 142°F (TCC)  
**Lower Flammable Level:** 1.1%  
**Upper Flammable Level:** 6.1%  
**Extinguishing Media:** Water fog, foam, CO<sub>2</sub>, dry chemical.  
**Special Fire Fighting Procedures:** Use self-contained breathing apparatus and full bunker gear in fire areas. Evacuate all unprotected personnel from area. Keep containers cool with water fog to minimize swelling taking care not to spread flames with water used for cooling.  
**Unusual Fire Fighting Hazards:** Product is combustible and may be ignited by heat, sparks, flames or other sources of ignition (i.e. static electricity, pilot lights, or mechanical/electrical equipment). Vapors may travel considerable distances to a source of ignition where they can ignite, flashback, or explode. May create vapor/air explosion hazard indoors, outdoors, or in sewers. Vapors are heavier than air and can accumulate in low areas. If container is not properly cooled, it can explode in the heat of a fire.

**SECTION V - Stability**

**Stability:** Stable  
**Conditions to Avoid:** Extreme heat and ignition sources  
**Incompatibilities (materials to avoid):** Strong oxidizers  
**Hazardous Decomposition or Byproducts:** CO, CO<sub>2</sub> and various hydrocarbons under fire conditions.  
**Hazardous Polymerization:** Will not occur  
**Polymerization Conditions to Avoid:** None

**SECTION VI - Health Hazard Data**

**PEL/TLV:** See SECTION II for components  
**Route(s) of Entry:** Contact and inhalation primary; ingestion possible.  
**Health Hazards (acute and chronic):** **EYES:** Contact causes eye irritation including stinging, watering and redness.  
**SKIN:** Contact causes skin irritation including redness, burning and drying and cracking of the skin. No harmful effects from skin absorption are expected.  
**INHALATION:** Low to moderate degree of toxicity by inhalation. May cause irritation to upper respiratory tract and CNS depression.  
**INGESTION:** Low degree of toxicity by ingestion. Aspiration hazard. Can enter lungs during swallowing or vomiting and cause chemical pneumonia and edema.

**Carcinogenicity** Not listed as a carcinogen.

**Signs and Symptoms of Overexposure:** **CONTACT:** Reddening and irritation of contact area. **INHALATION:** Symptoms include but are not limited to, coughing, difficulty breathing, headache, dizziness, drowsiness, weakness, confusion, and unconsciousness. **INGESTION:** Symptoms may include abdominal pain, vomiting, fatigue, blurred vision, headache.

**Medical Conditions Aggravated by Exposure:** Preexisting skin, respiratory conditions.

**Emergency First Aid Procedures:** **EYES:** Flush with water for 15 minutes. Seek immediate medical attention.  
**SKIN:** Wash exposed areas with water and mild soap. Remove contaminated clothing immediately and launder before reuse. If irritations persist, seek medical attention.  
**INHALATION:** Remove victim to fresh air. Administer oxygen or artificial respiration if breathing is affected or stopped. Seek immediate medical Attention. **INGESTION: Do Not Induce Vomiting.** Seek immediate medical attention.

**SECTION VII - Handling and Storage**

**Steps to be Taken if Material is Released or Spilled:** Keep all sources of ignition and hot metal surfaces away from spill/release. Evacuate all unprotected personnel from area. Use foam on spills to minimize vapors. Contain spill if it can be done with minimal risk. Using only non-sparking tools and explosion proof equipment collect spill on absorbent material and put into approved container. Prevent liquid from entering drains, sewers, or waterways. Notify proper authorities.

**Waste Disposal Method:** Follow Federal, state, and local regulations. Meets ignitability standard for hazardous waste# D001 if uncontaminated

**Precautions to be Taken in Handling and Storing:** NFPA Class III A storage. Avoid prolonged breathing of mist or vapor. Wash thoroughly after handling. Vent container carefully before opening. Bond and ground all equipment when transferring from one vessel to another. The use of explosion-proof equipment is recommended. "Empty" containers retain residue and/or vapor and may be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flames, sparks, or other sources of ignition. Keep containers tightly closed when not in use.

**SECTION VIII - Personal Protection**

**Respiratory Protection:** No occupational exposure limits have been developed for this material. A respiratory protection program that meets OSHA's 29 CFR 1910.134 or ANSI Z88.2 requirements must be followed whenever workplace conditions warrant respirator use.

**Ventilation:** Adequate local or mechanical to reduce mist/vapor.

**Protective Gloves:** Impervious, solvent resistant such as neoprene or nitrile.

**Eye Protection:** Goggles or approved OSHA device; do not wear contact lens.

**Clothing:** Impervious apron and work boots recommended where splashing may occur.

**Work/Hygienic Practices:** Follow accepted work and hygiene practices for handling a combustible material. Do not eat, drink, or smoke in areas where this product is used or stored. Have eye wash stations and safety showers readily available.

**SECTION IX - Other Regulatory Information**

Sara Title III Section 302/304 Extremely Hazardous Substance

Component	CAS #	% by wt.	RQ (lbs)	TPQ (lbs)
None				

CERCLA Section 102(a) Hazardous Substance

Component	CAS #	% by wt.	RQ (lbs)
None			

Sara Title III Section 311 Hazard Categorization

Acute (x)   Chronic ()   Fire (x)   Pressure ()   Reactive ()   NA ()

SARA Title III Section 313 Supplier Information

Component	CAS #	% by wt.
None		

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**\*\*HMIS** ratings involve data and interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this product, all the information contained in this MSDS must be considered.

**Comments:** Health studies have shown that many petroleum hydrocarbons pose potential human health risks, which may vary from person to person. As a precaution, exposure to liquids, vapor, mists, or fumes should be minimized.

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