

**EMKARATE RL 68H**  
**Material Safety Data Sheet**

**SECTION I - COMPANY IDENTIFICATION**

**PRODUCT:** EMKARATE RL 68H

**CAT. NO.:** LE68H10, LE68H1, LE68H5, LE68H55

**PACKED & DISTRIBUTED BY:**

Virginia KMP Corporation  
4100 Platinum Way  
Dallas, Texas 75237

**TELEPHONE NUMBERS:**

Office: 1-(214) 330-7731  
Emergency Only: 1-(800) 424-9300

**SECTION II - HAZARDOUS INGREDIENTS**

**OSHA Hazardous Components (29 CFR 1910.1200)**

**EXPOSURE LIMITS: 8 HR. TWA**  
**OSHA PEL** **ACGIH TLV**

Polyol ester with antioxidant\*

NE

NE

\* Ingredients not precisely identified are proprietary or nonhazardous.

**SECTION III - HAZARDS IDENTIFICATIONS**

**EMERGENCY OVERVIEW:** WARNING! Harmful if swallowed. Skin and eye irritant.

**POTENTIAL HEALTH EFFECTS:**

**INHALATION:** No toxic effects are expected. High concentrations of mist may be irritating to upper respiratory tract.  
**EYE CONTACT:** May cause irritation following contact.  
**SKIN CONTACT:** Repeated or prolonged contact may cause mild irritation. May aggravate pre-existing skin disorders.  
**INGESTION:** This material is slightly toxic. Irritation of gastrointestinal tract may develop following ingestion.

**CHRONIC Effects:** None known

**NOTE:**

**CARCINOGENICITY:** LISTED IN NTP? No IARC? No OSHA Regulated? No

**SECTION IV - FIRST AID MEASURES**

**INHALATION:** Remove victim to fresh air. If a cough or other respiratory symptoms develop, consult a physician.  
**EYE CONTACT:** Immediately flush with plenty of water for 15 minutes. If redness, itching, or a burning sensation develops, get medical attention.  
**SKIN CONTACT:** Wash material off of skin with plenty of soap and water. If redness, itching, or burning sensation develops get medical attention. Wash clothes before reuse.  
**INGESTION:** DO NOT INDUCE VOMITING. Give 1 or 2 glasses of water to drink. If gastrointestinal symptoms develop, consult a physician.

**SECTION V - FIRE FIGHTING MEASURES**

**FLASHPOINT (TEST METHOD):** 518 F, 270 C (COC)  
**FLAMMABLE LIMITS:** **LOWER:** NAP **UPPER:** NAP  
**AUTOIGNITION TEMPERATURE:** ND

**GENERAL HAZARD:**

**FIRE FIGHTING INSTRUCTIONS:** Approach fire from upwind side. Avoid breathing smoke, fumes, mist or vapors on downwind side. Firefighters wear protective clothing and self contained breathing apparatus.

**EXTINGUISHING MEDIA:** Water fog, foam, carbon dioxide, dry chemical, halogenated agents.

**HAZARDOUS COMBUSTION PRODUCTS:** Smoke and fumes, carbon monoxide, carbon dioxide.

**SECTION VI - ACCIDENTAL RELEASE MEASURES**

**LAND SPILL:** Wear skin and respiratory (if mist or vapors are present) protection during cleanup. Contain spill. Keep out of sewers and drains. Soak up material with absorbent and shovel into a chemical waste container.  
**WATER SPILL:** Notify proper authorities.

Clean up leaks/spills immediately to prevent soil or water contamination.

**SECTION VII - HANDLING AND STORAGE**

**HANDLING:** Product is highly hygroscopic. Keep container closed tightly.

## EMKARATE RL 68H

**STORAGE:** Follow normal storage practices. No special storage requirements necessary.

### SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Local exhaust ventilation is recommended.

**PERSONAL PROTECTION:** Use chemical impervious gloves and apron, chemical goggles or full face shield. Respiratory protection is not normally needed under proper conditions of use and storage. Use MSHA - NIOSH approved respirator for organic vapors, dust and mists whose TLV is greater than 0.05 mg/m<sup>3</sup>.

### SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

**VAPOR PRESSURE @ 20 C:** <10 mmHg

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 0.977

**SOLUBILITY IN WATER:** Insoluble

**pH:** NAP

**BOILING POINT:** No data

**APPEARANCE & ODOR:** Liquid with mild odor.

**VAPOR DENSITY (Air=1):** NA

**EVAPORATION RATE (H<sub>2</sub>O=1):** NAP

**VOC (LB/GAL):** NAP

**FREEZING POINT:** NA

### SECTION X - STABILITY AND REACTIVITY

**STABILITY:** Stable.

**CONDITIONS TO AVOID:** None known.

**MATERIALS TO AVOID:** Oxidizing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** From combustion: smoke, carbon monoxide, carbon dioxide.

**HAZARDOUS POLYMERIZATION:** Will not occur.

### SECTION XI - TOXICOLOGICAL INFORMATION

From preparation similar to polyol ester with antioxidant LD50: >2000 mg/kg (oral - rat)

### SECTION XII - ECOLOGICAL INFORMATION

ND

### SECTION XIII - DISPOSAL CONSIDERATIONS

Discarded product is not a hazardous waste under RCRA, 40 CFR 261.

### SECTION XIV - TRANSPORTATION INFORMATION

**PROPER SHIPPING NAME:** Not regulated.

**HAZARD CLASS:** NA

**IDENTIFICATION NUMBER:** NA

**DOT Emergency Guide #:** NA

**Reportable Quantity (RQ):** NA

**International:** NA

### SECTION XV - REGULATORY INFORMATION

**TSCA (Toxic Substance Control Act):** Components of this product are listed on the TSCA Inventory.

**CERCLA (Comprehensive Environmental Response, Compensation and Liability Act):** Not listed.

**SARA TITLE III (Superfund Amendments and Reauthorization Act):** Not listed.

**CALIFORNIA PROPOSITION 65:** Not listed.

### SECTION XVI - OTHER INFORMATION

State Right-to-Know Programs: Not listed.

NFPA Ratings

Health: 1

Flammability: 1

Reactivity: 0

HMIS Protective Equipment: X See your supervisor

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