## **EMKARATE RL 68S**

Material Safety Data Sheet

### SECTION I - COMPANY IDENTIFICATION

PRODUCT: EMKARATE RL 68S

CAT. NO .:

LE68S\* \* - container size

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\*

ΝE

ΝE

\* 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: INGESTION:

Repeated or prolonged contact may cause mild irritation. May aggravate pre-existing skin disorders. 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: SKIN CONTACT: Immediately flush with plenty of water for 15 minutes. If redness, itching, or a burning sensation develops, get medical attention. 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):

469 F, 243 C (PMCC)

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 hydroscopic. Keep container closed tightly.

STORAGE:

Follow normal storage practices. No special storage requirements necessary.

## **EMKARATE RL 68S**

#### 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/m3.

## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE @20 C: <10 SPECIFIC GRAVITY (H2O=1): 0.9790

**SOLUBILITY IN WATER: Nil** 

pH: NAP

BOILING POINT: 482 F. 250 C

APPEARANCE & ODOR: Pale straw color with mild odor.

VAPOR DENSITY (Air=1): NA

EVAPORATION RATE (H2O=1): NAP

VOC (LB/GAL):NAP FREEZING POINT: NA

# SECTION X - STABILITY AND REACTIVITY

STABILITY:

Stable.

CONDITIONS TO AVOID: MATERIALS TO AVOID:

None known.

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 NA

Reportable Quantity (RQ): 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:

Flammability:

Reactivity: 0

HMIS Protective Equipment: X See your supervisor

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