

Material Safety Data Sheet

SECTION I - COMPANY IDENTIFICATION

PRODUCT: EMKARATE RL 32CF
LE32CF1, LE32CF5, LE32CF55

PACKED & DISTRIBUTED BY:

Virginia KMP Corporation
7731
4100 Platinum Way
9300
Dallas, Texas 75237

CAT. NO.: LE32CFQ,

TELEPHONE NUMBERS:

Office: 1-(214) 330-

Emergency Only: 1-(800) 424-

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): 492 F, 254 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.

STORAGE: Ideal storage temperature is 60 to 100 °F. Keep containers properly sealed to avoid ingress of moisture.

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: <0.1 mmHg
clear liquid with mild odor.

SPECIFIC GRAVITY (H₂O=1): 0.989

SOLUBILITY IN WATER: less than 1%.

pH: NA

BOILING POINT: No data

APPEARANCE & ODOR: Pale yellow,

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: 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

Not applicable.

SECTION XII - ECOLOGICAL INFORMATION

No data

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 material, liquid
HAZARD CLASS: NA
IDENTIFICATION NUMBER: NA
DOT Emergency Guide #: NA
Reportable Quantity (RQ): NA
International: NA

SECTION XV - REGULATORY INFORMATION
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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
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State Right-to-Know Programs: Not listed.
NFPA Ratings
Health: 1
Flammability: 1
Reactivity: 0
HMIS Protective Equipment: X See your supervisor
Revised: 10/2001