

SUNISO® SL 32**Material Safety Data Sheet****SECTION I - COMPANY IDENTIFICATION****PRODUCT:** SUNISO SL 32, Synthetic Polyol Ester Refrigeration Lubricant**CAT. NO.:** LSL32*

* - container size

PACKED & DISTRIBUTED BY:Virginia KMP Corporation
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Dallas, Texas 75237**TELEPHONE NUMBERS:**Office: 1-(214) 330-7731
Emergency Only: 1-(800) 424-9300**SECTION II - INGREDIENTS AND HAZARDOUS INGREDIENTS****OSHA Hazardous Components (29 CFR 1910.1200)****EXPOSURE LIMITS: 8 HR. TWA****OSHA PEL****ACGIH TLV****PROPRIETARY MIXTURE (100%)****NONE****NONE****SECTION III - HAZARDS IDENTIFICATIONS****EMERGENCY OVERVIEW:** None known..**POTENTIAL HEALTH EFFECTS:****INHALATION:** No toxic effects are expected. High concentrations of mist may be irritating to upper respiratory tract.**EYE CONTACT:** Similar products with similar additive packages were not classified as irritants by ocular application.**SKIN CONTACT:** Similar products with similar additive packages were not classified as primary irritants or as corrosive materials by dermal application. May aggravate pre-existing skin disorders.**INGESTION:** The acute oral LD50 of a similar product was >5.0 g/kg in rats..**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. DO NOT rub eyes. 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. DO NOT give sodium bicarbonate, fruit juices or vinegar. Never give anything by mouth to a unconscious or having convulsions. If gastrointestinal symptoms develop, consult a physician.**SECTION V - FIRE FIGHTING MEASURES****FLASHPOINT (TEST METHOD):** 478 °F, 248 °C (min.)**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, or dry chemical. Water may be ineffective but should be used to keep containers cool.**HAZARDOUS COMBUSTION PRODUCTS:** Smoke and fumes, carbon monoxide, carbon dioxide.**SECTION VI - ACCIDENTAL RELEASE MEASURES****LAND SPILL:** 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:** 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/m³.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE @ 20 C: Not determined

SPECIFIC GRAVITY (H₂O=1): 0.980

SOLUBILITY IN WATER: Nil

pH: NAP

BOILING POINT: Not determined

APPEARANCE & ODOR: Clear liquid, slight 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: High heat.

MATERIALS TO AVOID: Oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: May produce oxides of carbon and nitrogen.

HAZARDOUS POLYMERIZATION: Not likely.

SECTION XI - TOXICOLOGICAL INFORMATION

From similar product

LD50: >5000 mg/kg (oral - rat)

SECTION XII - ECOLOGICAL INFORMATION

ND

SECTION XIII - DISPOSAL CONSIDERATIONS

Reclaim where possible. Fuel blending is another possibility. Avoid landfilling of liquids. All recovered material should be packaged, labeled, transported, and disposed or reclaimed in conformance with applicable laws and regulations.

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: Unrated.

Health:

Flammability:

Reactivity:

HMIS Protective Equipment: