



MATERIAL SAFETY DATA

VIRGINIA KMP CORP.

ONE OF THE KES MURPHY LABORATORY COMPANIES
1100 PLATINUM WAY
DALLAS, TEXAS 75237
TEL. 214-330-7731 (FLEX 7731)

Cat. No. L318, L321, L324

SECTION 1. IDENTIFICATION OF PRODUCT

11 MANUFACTURER'S NAME Virginia KMP Corporation		12 EMERGENCY TELEPHONE NUMBER 214-330-7731
13 ADDRESS (INCLUDE STREET NUMBER AND ZIP CODE) 4100 Platinum Way, Dallas, Texas 75237		
14 SALES NAME SUNISO 3GS Refrigeration Oil		
15 CHEMICAL NAME OR DESCRIPTION Naphthenic Base Oil		
16 DOT HAZARD CLASSIFICATION (REGULATED ARTICLES) n.a.	17 DOT SHIPPING NAME (REGULATED ARTICLES) n.a.	

SECTION 2. PHYSICAL DATA

21 APPEARANCE AND ODOR Light yellow - oil odor	
22 SPECIFIC GRAVITY (WATER = 1) (LIQUIDS ONLY) 0.917	23 SOLIDS CONTENT (PERCENT BY WEIGHT) (SOLUTIONS DISPERSIONS OR PASTES ONLY) n.a.
24 SOLUBILITY IN WATER (PERCENT BY WEIGHT) (SPECIFY TEMPERATURE IN DEGREES °F) 80 ppm	25 BOILING POINT (DEGREE °F) (NON-AQUEOUS LIQUIDS ONLY) 340°F
26 VAPOR PRESSURE (MM OF HG AT °F) (NON-AQUEOUS LIQUIDS ONLY)	27 VAPOR DENSITY (AIR = 1) (NON-AQUEOUS LIQUIDS ONLY) n.a.
28 EVAPORATION RATE (BUTYL ACETATE = 100) (NON-AQUEOUS LIQUIDS ONLY)	29 PH (AQUEOUS LIQUIDS ONLY) n.a.

SECTION 3. FIRE AND EXPLOSION HAZARD DATA

31 FLASH POINT (SPECIFY METHOD) (DEGREE °F) 340°F	32 FLAMMABLE LIMITS (VAPOR IN AIR) (PERCENT BY VOLUME) LOWER UPPER
33 FIRE-EXTINGUISHING MEDIA CO ₂ and dry chemical. No fire hazard, non-flammable below 390°F.	
34 SPECIAL FIRE-FIGHTING PROCEDURES None	
35 UNUSUAL FIRE AND EXPLOSION HAZARDS None	

SECTION 4. REACTIVITY DATA

41 STABILITY (INCLUDING HAZARDOUS POLYMERIZATION)	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
42 INCOMPATIBILITY (MATERIALS TO AVOID)			
43 HAZARDOUS DECOMPOSITION PRODUCTS None			

SECTION 5. SPILL OR LEAK PROCEDURES

51 STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Same as for other mineral oils.
52 WASTE DISPOSAL METHOD In accordance with local, state and Federal laws and regulations governing disposal of oily wastes.

SECTION 6. HEALTH HAZARD DATA

6.1 EFFECTS OF CONTACT WITH EYES

No known hazard.

6.2 EFFECTS OF CONTACT WITH SKIN (LOCAL AND SYSTEMIC)

No known hazard.

6.3 EFFECTS OF INHALATION (LOCAL AND SYSTEMIC)

No known hazard.

6.4 EMERGENCY AND FIRST AID PROCEDURES

If any irritation develops after eye contact, a physician should be consulted. Reasonable personal cleanliness should be observed.

6.5 MEDICAL EXAMINATIONS

SECTION 7. SPECIAL PROTECTION INFORMATION

7.1 RESPIRATORY PROTECTION (SPECIFY TYPE)

None

7.2 GLOVES (SPECIFY MATERIAL OF CONSTRUCTION)

None

7.3 EYE PROTECTION (SPECIFY TYPE)

7.4 OTHER PROTECTIVE EQUIPMENT (CAP, APRON, COVERALLS, BOOTS, EYEWASH FOUNTAIN, SAFETY SHOWER, ETC)

None

7.5 PERSONAL HYGIENE

Employees handling should observe reasonable personal cleanliness.

7.6 ENGINEERING CONTROL OF HEALTH HAZARDS (VENTILATION ETC)

SECTION 8. SUBSTANCES FOR WHICH STANDARDS HAVE BEEN SET

SUBSTANCE	PERCENT	THRESHOLD LIMIT VALUE (SPECIFY UNITS SUCH AS PPM MG PER CUBIC METER MPPCF ETC)
8.1 USE THIS SPACE WHEN THE PRODUCT IS ESSENTIALLY A SINGLE CHEMICAL COMPOUND OR ELEMENT AS IDENTIFIED IN SECTION 1.5	-	
8.2 COMPONENTS (10 PERCENT OR MORE) OF MIXTURES		Product contains no toxic or hazardous ingredients according to OSHA guidelines as listed in 29 CFR, 1915.2 or 1916.2.

SECTION 9. SPECIAL PRECAUTIONS

9.1 PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

As for other mineral oils.

9.2 OTHER PRECAUTIONS