

code A545

SUNISO 3GS REFRIGERATION OIL L316, L318, L321, L334

B80-920

B81-002

## Material Safety Data Sheet

## SECTION I - PRODUCT IDENTIFIER

1 of 2

PRODUCT: SUNISO 3GS REFRIGERATION OIL

SUPPLIER: Virginia KMP  
4100 Platinum Way  
Dallas, Texas 75237  
214-330-7731

RPA Rating:

Health: 0

Fire: 0

React: 0

Special: 0

0=LEAST to 4=EXTREME

Emergency Phone: Chemtrec 1-800-424-9300  
International 202-483-7616

HMIS PERSONAL PROT: A

## SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS-(CAS Number)

EXPOSURE LIMITS

mineral oil (64742-52-5).....ND

## SECTION III- PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 260 DEG C

SPECIFIC GRAVITY (H2O=1): 0.9

VAPOR DENSITY (Air=1): &gt;5

SOLUBILITY IN WATER: insoluble

APPEARANCE AND ODOR: light golden liquid, oil odor

MELTING POINT: NA

VAPOR PRESSURE: negligible

EVAPORATION RATE (BuAc=1): &gt;1

PH: NA

VOC: 0 g/l

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method): 302 deg F

FLAMMABLE LIMITS: Lower [ ND ]

Upper [ ND ]

EXTINGUISHING MEDIA: Dry powder, carbon dioxide (CO2), water fog or spray.

SPECIAL FIRE FIGHTING PROCEDURES: firefighters should wear NIOSH approved, self contained breathing apparatus

Approach fire from upwind side. Avoid breathing smoke, fumes, mist, or vapors on the downwind side.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Aerosol containers, may explode from excessive heat.

## SECTION V - REACTIVITY INFORMATION

STABILITY: PRODUCT IS, Stable

INCOMPATIBILITY:

MATERIALS TO AVOID: Oxidizers

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: From combustion: smoke, carbon monoxide, carbon dioxide, hydrogen chloride phosgene.

HAZARDOUS POLYMERIZATION: Will not occur.

## SECTION VI - HEALTH HAZARD DATA

## ROUTES OF ENTRY

INHALATION? unlikely

SKIN ABSORPTION? unlikely

SKIN/EYES? yes - irritant

INGESTION? unlikely - irritant

## HEALTH HAZARDS

ACUTE: Possible irritant to eyes. Irritant to gastrointestinal tract if ingested.

CHRONIC: None Established

CARCINOGENICITY: IARC MONOGRAPHS? No

IARC MONOGRAPHS? No

OSHA REGULATED? No

SIGNS AND SYMPTOMS OF EXPOSURE: Eye irritation develops immediately upon contact.

MEDICAL CONDITIONS COMMONLY AGGRAVATED BY EXPOSURE: Pre-existing skin disorders.

## FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water 15 minutes. Get medical attention if symptoms persist.

SKIN CONTACT: Flush skin with water or soap and water for 15 minutes or until all traces have been removed. Get medical attention if symptoms develop and persist.

INGESTION: Rinse mouth out with water. Get immediate medical attention.

If victim is unconscious, immediately begin artificial respiration. Give oxygen if breathing is labored. Get emergency medical attention. Contact a physician immediately.

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**SECTION VII- PRECAUTIONS FOR SAFE HANDLING AND USE**

**SPILL OR LEAK PROCEDURES:** Emergency response coordinator must have mandated training. Eliminate all ignition sources. **SMALL SPILLS:** Pick up with absorbent materials and place in non-leaking containers; seal tightly for proper disposal or reuse. **LARGE SPILLS:** Evacuate the hazard area of unprotected personnel. Wear appropriate respirator and protective clothing. Shut off source of leak if safe to do so. Dike and contain. Remove with vacuum trucks or pump to storage/salvage vessels.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store away from oxidizers. Store away from sources of ignition.

**OTHER PRECAUTIONS:** Clean up leaks/spills immediately to prevent soil or water contamination.

**SECTION VIII - CONTROL MEASURES**

**RESPIRATORY PROTECTION:** Not normally needed

**VENTILATION:** LOCAL EXHAUST - Recommended, SPECIAL - Not necessary,  
MECHANICAL-Recommended, OTHER - Not necessary

**PROTECTIVE GLOVES:** Not normally needed

**EYE PROTECTION:** Not normally needed.

**OTHER PROTECTIVE EQUIPMENT:** Boots, aprons, drench showers, eye wash as needed for protection against spills and/or splashes.

**WORK HYGIENIC PRACTICES:** Avoid contact with skin, eyes, and clothing. After handling this product, wash hands before eating, drinking, or smoking. If contact occurs, remove contaminated clothing. If needed, take first aid action shown in section VI. Launder contaminated clothing before reuse.

**SECTION IX - TRANSPORTATION INFORMATION**

Not-Regulated

**SECTION X - REGULATORY/ENVIRONMENTAL**

**EPA HAZARDS:** ACUTE-Yes, CHRONIC-No, FLAMMABILITY-No,  
SUDDEN RELEASE OF PRESSURE-No, REACTIVE-No

**Cercla:** Not listed

**SARA Title III**

Section 313, Toxic Materials: None Listed

Chemical Name

CAS #

Percentage

**CLEAN AIR ACT:** Not Listed

**CLEAN WATER ACT:** Not Listed

**STATES LISTS:** Not Listed

**TOXIC SUBSTANCES CONTROL ACT (TSCA), 40 CFR 710** Sources of the raw materials used in this mixture assure that all chemical ingredients present are in compliance with Sect. 8(b) Chemical Substance Inventory, or are otherwise in compliance with TSCA.

**Footnotes:**

NA-Not applicable

ND-Data not available

CS-Cancer Suspect Agent

OX-Oxidizer

Cor-Corrosive

CALC-Calculated

EST-Estimated

STEL-Short Time Exposure Limit

TLV-Threshold Limit Value

PEL-Permissible Exposure Limit

TWA-Time Weighted Average, 8 hours

HMIS, PPI-Hazardous Material Identification System, Personal Protection Index

The data presented is true and correct to the best of our knowledge and belief, however, neither seller nor preparer makes any warranties, express or implied, concerning the information presented. The user is cautioned to perform his own hazard evaluation and to rely upon his own determinations.

SCIENTIFIC INFORMATION SERVICES

Telephone (817) 560-6631

Form essentially the same as OSHA Form 174 dated September 1985

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