

PRODUCT Refrigeration Oil  
Suniso 3GS

HAZARD RATING  
N 4 - EXTREME  
F 3 - HIGH  
P 2 - MODERATE  
A 1 - SLIGHT  
0 - INSIGNIFICANT

Fire Reactivity  
1 1 0  
1 0  
0  
Toxicity Special

1 COMPANY MANUFACTURING DIVISION OR SUBSIDIARY  
Sonneborn Division

00094

EMERGENCY TELEPHONE  
MANUFACTURER  
1 504 366-7281  
CHEM TREC 1-(800) 424-9300

2 ADDRESS (NUMBER, STREET, CITY, STATE, ZIP CODE)

P.O. Box 308 - Gretna, Louisiana 70053

3 CHEMICAL NAME OR FAMILY

Refined Mineral Oil

FORMULA A mixture of liquid hydro-  
carbons refined from petroleum.

### SECTION II - CHEMICAL AND PHYSICAL PROPERTIES

#### CHEMICAL

#### PHYSICAL

#### HAZARDOUS DECOMPOSITION PRODUCTS

5 Upon combustion, CO<sub>2</sub> and CO are generated.

#### INCOMPATIBILITY (KEEP AWAY FROM)

6 Strong oxidizing agents such as chromic acid, hydrogen peroxide and bromine.

#### LIST ALL TOXIC AND HAZARDOUS INGREDIENTS

7 None

#### FORM

8 Viscous liquid

#### ODOR

9 Petroleum

#### APPEARANCE

10 Clear liquid

#### COLOR

11 Amber

#### SPECIFIC GRAVITY

12 (WATER = 1) 0.91 @ 15.6°C

#### BOILING PT.

13 >260 °C  
>500 °F

#### MELTING PT.

14 NA °C  
NA °F

#### SOLUBILITY IN WATER

15 AT \_\_\_\_\_ °C Insoluble

#### % VOLATILE (BY WT %)

16 Negligible

#### EVAP. RATE

17 (\_\_\_\_\_ = 1) Negligible

#### VAPOR PRESSURE

18 (mm Hg at 20 °C) <0.0001

#### VAPOR DENSITY (AIR = 1)

19 >10

#### pH AS IS

20 NA

21 STRONG ACID \_\_\_\_\_ ☐

STRONG BASE \_\_\_\_\_ ☐

STABLE \_\_\_\_\_ ☒

UNSTABLE \_\_\_\_\_ ☐

22 VISCOSITY SUS <100 ☐  
AT 100 °F 100 OR > ☒

23

### SECTION III - FIRE AND EXPLOSION DATA

#### SPECIAL FIRE FIGHTING PROCEDURES

24 Wear self-contained breathing apparatus. Water spray is an unsuitable extinguishing agent. (See Extinguishing Agents - Section 28)

#### UNUSUAL FIRE AND EXPLOSION HAZARDS

25 None

#### FLASH POINT (METHOD USED)

26 ASTM D-92  
>150 °C >300 °F

#### FLAMMABLE LIMITS %

27 NA  
LOWER \_\_\_\_\_ UPPER \_\_\_\_\_

#### EXTINGUISHING AGENTS

☒ DRYCHEMICAL ☒ CO<sub>2</sub>

☐ WATERSPRAY ☒ FOAM

☒ WATERFOG ☒ SAND/EARTH

28 ☐ OTHER \_\_\_\_\_

### SECTION IV - HEALTH HAZARD DATA

#### PERMISSIBLE CONCENTRATIONS (AIR)

29 5 mg/m<sup>3</sup> mineral oil mist (OSHA).

#### EFFECTS OF OVEREXPOSURE

30 Prolonged contact may cause minor skin irritation.

#### TOXICOLOGICAL PROPERTIES

31 NDA

#### EMERGENCY FIRST AID PROCEDURES

32 EYES - Flush with large amounts of water for at least 15 minutes. If redness or irritation persists, contact a physician.

33 SKIN CONTACT - Wash with soap and water. Wash clothing before reuse.

34 INHALATION - None normally required.

35 IF SWALLOWED - Call a physician.

**Witco MATERIAL SAFETY DATA SHEET**PRODUCT Suniso 3GS**SECTION V - SPECIAL PROTECTION INFORMATION**

VENTILATION TYPE REQUIRED (LOCAL, MECHANICAL, SPECIAL)

NA

36  
RESPIRATORY PROTECTION (SPECIFY TYPE)

NA

PROTECTIVE GLOVES

38 Oil resistant rubber

EYE PROTECTION

39 Chemical splash goggles

OTHER PROTECTIVE EQUIPMENT

40 Rubber apron

**SECTION VI - HANDLING OF SPILLS OR LEAKS**

PROCEDURES FOR CLEAN-UP

41  
Stop leak, dike up large spills. Use inert absorbent material such as earth, sand, or vermiculite for clean-up.

WASTE DISPOSAL

42  
Dispose of in accordance with Local, State, and Federal government regulations.**SECTION VII - SPECIAL PRECAUTIONS**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

43  
Avoid exposure to heat and flame. Protect against eye and skin contact.  
Wash thoroughly after handling.**SECTION VIII - TRANSPORTATION DATA**UNREGULATED  
BY D.O.T.

U.S. D.O.T. PROPER SHIPPING NAME

47 NA

REGULATED  
BY D.O.T.

U.S. D.O.T. HAZARD CLASS

48 NA

I.D. NUMBER

49 NA

TRANSPORTATION  
EMERGENCY  
INFORMATION

RQ

50 NA

LABEL(S) REQUIRED

51 NA

FREIGHT CLASSIFICATION

52 Petroleum Oil NOIBN

SPECIAL TRANSPORTATION NOTES

53 NA

CHEM TREC

1-(800) 424-9300

**SECTION IX - COMMENTS**54  
CAS #64742-52-5SIGNATURE Paul G. TietzeTITLE Manager, Technical Service

Tel: 212-605-3908

REVISION DATE 5/8/84

SENT TO ATTN: \_\_\_\_\_

DATE \_\_\_\_\_

SUPERSEDES \_\_\_\_\_

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