

MATERIAL SAFETY DATA SHEET



SUPERCool PAG 46, 100, 150 LUBRICANT WITH AND WITHOUT U/V DYE

DGA/AAG ENVIROMENTAL

Contract No. 10-057

Emergency Phone Number: (352) 472-7295

Date: October 27, 2011

SECTION 1

COMPANY IDENTIFICATION AND CHEMICAL PRODUCT

Company Name:	Tire Seal, Inc.
Address:	3574 Corona Street, Lake Worth, Florida 33461
Phone/Fax:	561-582-2245 / 561-582-1499
Trade Name:	Supercool PAG Refrigeration Compressor Lubricant
Chemical Name:	Synthetic Polyalkylene glycol hydrocarbon mixture
Chemical Family:	Synthetic Polyalkylene glycol hydrocarbon mixture
Formula:	Proprietary
CAS#:	Proprietary
Applications:	PAG Refrigeration Compressor Lubricant is used as a fluid in HFC and other refrigeration systems.

SECTION 2

COMPOSITION / INFORMATION ON INGREDIENTS

General:	This Product contains No Known Carcinogens. No Special Warning Labels Are Required Under OSHA 29 CFR 1910.1200.
FDA Statement:	N/A

SECTION 3

HAZARDS IDENTIFICATION

Appearance:	Clear liquid, orange tint.
Known Hazards:	This product does not require any special warning labels under OSHA 29 CFR 1910.1200 and contains no hazardous ingredients. Product is slight Eye and Skin irritant.

SECTION 4

FIRST AID MEASURES

Eyes:	Flush with clean, lukewarm water (low pressure) occasionally lifting eyelids. Physician assessment if eyes are inflamed.
Skin:	Wash affected areas thoroughly with soap and water. Wash contaminated clothing before reuse.
Inhalation:	Avoid breathing oil mists. Remove to fresh air. Give artificial respiration if not breathing. Oxygen may be given by qualified personnel if breathing is difficult. Get medical attention.
Ingestion:	Do not induce vomiting. Force fluids. Has laxative effect.

SECTION 5**FIRE FIGHTING MEASURES**

Flash Point:	440°F min
Flammable Limits:	N/A
Auto Ignition Temp:	N/A
Fire & Explosion Hazards:	LOW FIRE HAZARD - Do not cut, drill, or weld empty containers.
Extinguishing Media:	Dry chemical foam, water spray, carbon dioxide for small fires.
Fire Fighting Procedures:	Contain liquid, cover with extinguishing agent, use water spray to cool fire exposed containers and as protective screen. Do not point solid water stream directly into burning fluid to avoid spreading.

SECTION 6**ACCIDENTAL RELEASE MEASURES**

Spill or Leak:	Contain Spill, absorb with inert absorbent such as dry clay, sand, diatomaceous earth, commercial sorbents or recover using pumps. Scoop up used absorbents into approved receptacles.
Waste Disposal:	Dispose in approved, secure landfill site or through a licensed waste reclaimer.

SECTION 7**HANDLING AND STORAGE**

Storage Temp - min / max:	None / 104°F recommended
Shelf Life:	Indefinite in original container
Precautions:	Not for internal use. Avoid contact with skin, eyes, clothing.

SECTION 8**EXPOSURE CONTROL / PERSONAL PROTECTION**

Eye Protection:	Chemical Goggles if splashing is likely or high pressure systems are used.
Skin Protection:	For direct contact of more than 2 hours, PVC or Nitrile gloves are recommended.
Respiratory Protection:	Normally not necessary. If mist is generated, wear approved organic respirator suitable for oil mist areas with sufficient oxygen.
Ventilation:	General ventilation.
Exposure Limits:	Acute LD ₅₀ > 2000 mg/Kg (rat : oral)

SECTION 9**PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Clear liquid, orange tint.
Boiling Point:	>500°C
Vapor Pressure:	<0.001 kPa @ 25°C
Specific Gravity:	0.85-.097
Volatiles, % Volume:	0%
Odor:	Characteristic odor
Solubility in Water:	Slight
Evaporation Rate:	Nil
Viscosity:	@40°C Varies depending on grade

SECTION 10**REACTIVITY**

Stability:	Product is STABLE
Hazardous Polymerization:	Will not occur.
Incompatibilities:	Strong oxidizers.
Decomposition Products:	Analogous compounds evolve, carbon monoxide, carbon dioxide, and other undefined fragments when burned.

SECTION 11**TOXICOLOGICAL INFORMATION**

General: Acute LD₅₀ > 2000 mg/Kg (rat : oral)

SECTION 12**ECOLOGICAL INFORMATION**

General: Biodegradable CEC L33A93 > 80% @ 45 Days.

SECTION 13**DISPOSAL CONSIDERATIONS**

Waste Disposal: Used product must be disposed of in accordance with Federal, State, and Local environmental control regulations. Incineration is preferred. DO NOT HEAT OR CUT EMPTY CONTAINERS WITH ELECTRIC OR GAS TORCH.

SECTION 14**TRANSPORTATION INFORMATION**

Technical Name: Synthetic Polyalkylene glycol hydrocarbon mixture
D.O.T. Hazard Class: NR
U.N. / N.A. #: NR

SECTION 15**REGULATORY INFORMATION**

Product Label: Supercool PAG Refrigeration Compressor Lubricant

OSHA STATUS: Non-Hazardous under 29 CFR 1910.1200
TSCA STATUS: N/A
RCRA STATUS: If discarded in its purchased form this product would not be a hazardous waste either by listing or characteristic. However, it is the responsibility of the product user to determine at the time of disposal, whether the material being disposed of is a hazardous waste (40 CFR 261.20-24).

SECTION 16**OTHER INFORMATION**

General: This information is furnished without warranty, expressed or implied, except that is accurate to the best knowledge of Tire Seal, Inc. The data on this sheet related only to the specific material designed herein. Tire Seal, Inc. assumes no legal responsibility for the use or reliance upon these data.