

MATERIAL SAFETY DATA SHEET



SUPERCOOL A/C FAST FLUSH

DGA/AAG ENVIROMENTAL

Contract No. 10-057

Emergency Phone Number: (352) 472-7295

Date: November 3, 2011

SECTION 1

COMPANY IDENTIFICATION AND CHEMICAL PRODUCT

Manufacturer Company Name:	Tire Seal Inc.
Address:	3574 Corona Street, Lake Worth, FL 33461
Phone/Fax:	561-582-2245 / 561-582-1499
Trade Number:	Supercool A/C Fast Flush
Chemical Name:	Synthetic Hydrocarbon Cleaner
Chemical Family:	Synthetic Hydrocarbon Cleaner
Formula:	Proprietary
CAS#:	Proprietary
Applications:	Supercool Fast Flush is used as a flushing fluid in refrigeration systems.

SECTION 2

HAZARDOUS INGREDIENTS

Ingredients:	This Product is NON-HAZARDOUS. The product contains No Known Carcinogens. No Special Warning Labels Are Required Under OSHA 29 CFR 1910.1200.
FDA Statement:	N/A

SECTION 3

PHYSICAL INGREDIENTS

Appearance:	Clear liquid, Very slight yellow tint.
Known Hazards:	This product does not require any special warning labels under OSHA 29 CFR 1910.1200 and contains no known hazardous ingredients.

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:	250°F min
Flammable Limits:	N/A
Auto Ignition Temp:	N/A
Fire & Exposure 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, or 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**

Max. Storage Temp.:	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:	Normally none required. Chemical goggles if splashing is likely or high pressure systems are used.
Skin Protection:	Normally none required, 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 LD50 > 5000 mg/Kg (rat : oral) PRACTICALLY NON TOXIC

SECTION 9**PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Clear liquid, Very slight yellow to green tint.
Boiling Point:	>250°F
Vapor Pressure:	<0.011 kPa @ 25°C
Specific Gravity:	0.85-0.89
Volatiles, % Volume:	0%
Odor:	Very slight hydrocarbon odor
Solubility in Water:	Negligible
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.
Hazardous Decomposition By-Products:	Analogous compounds evolve, carbon monoxide, carbon dioxide, and other undefined fragments when burned.

SECTION 11**TOXICOLOGICAL INFORMATION**

General: Acute LD50 > 5000 mg / Kg (rat : oral) PRACTICALLY NON TOXIC. Negative when tested by modified Ames test for carcinogenicity.

SECTION 12**ECOLOGICAL INFORMATION**

General: Biodegradable CEC L33T82 > 80% @ 28 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**

DOT Ship Name:	Synthetic Hydrocarbon Cleaner
D.O.T. Hazard Class:	N/A
UN / ID #:	N/A
IMDG Hazard Class:	N/A
UN / ID #:	N/A
IATA Hazard Class:	N/A
Product Label:	Supercool A/C Fast Flush

SECTION 15**REGULATORY INFORMATION**

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 it 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.