

MATERIAL SAFETY DATA SHEET

Curtis/GlenChem Corp.

Eddystone Industrial Park
2000 Industrial Highway
Eddystone, PA 19022-1513

Product: **CF-COOLANT PE32**

Daytime Telephone: (610) 876-9906
24 Hour Emergency: CHEMTREC® (800) 424-9300

MSDS No.: LCF-PAGPE-32 - Rev 1.0 Date: 02/01
Replaces - None
Reason: Original MSDS

-- SECTION 01 - IDENTIFICATION AND INFORMATION --

Product or Trade Name:	CF-COOLANT PE32	HMIS	
Chemical Name/Synonym:	PROPRIETARY BLEND	<u>Hazard Rating:</u>	<u>Legend:</u>
Chemical Family:	of pentaerythritol ester and polyoxyalkylene glycol	Health:	1 0 - Least
Formula:	PROPRIETARY	Fire:	0 1 - Slight
Product Code:	LCF-PAGPE-32	Reactivity:	0 2 - Moderate
		Personal Protection: ..	B 3 - High
			4- Extreme

Product Description: 100% Synthetic compressor fluid for rotary compressors

-- SECTION 02 - PHYSICAL DATA --

Boiling Point:	> 600°F	Solubility in Water:	Negligible	
Vapor Pressure:	< 1 (Negligible) (mmHg) @ 70°F		Specific Gravity:	0.98
(H ₂ O=1)		% Volatile by Volume:	Nil at ambient temps.	
Vapor Density:	> 1 (AIR=1)	Odor:	Low	
Appearance:	Clear, straw colored liquid	Viscosity:	48 cSt. @ 40°C	
pH:	Neutral			

-- SECTION 03 - HAZARDOUS COMPONENTS --

<u>CHEMICAL NAME</u>	<u>CAS #</u>	<u>% Range</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
None Listed				

-- SECTION 04 - FIRE AND EXPLOSION HAZARD DATA --

Flash Point:..... 490°F (ASTM D-92) Cleveland Open Cup
Extinguishing Media:..... Small Fire: CO₂, water fog, dry chemical; Large Fire: Alcohol-type or all-purpose-type foam.
Special Fire Fighting Procedures: Use self-contained breathing apparatus; water may be used to cool adjacent containers.

-- SECTION 05 - REACTIVITY DATA --

Stability:..... Stable. Will not react with water.
Incompatibility: Strong oxidizers.
Hazardous Decomposition Products: Carbon monoxide and/or carbon monoxide may form upon thermal degradation.
Hazardous Polymerization: Will not occur.

-- SECTION 06 - SPILL, LEAK, AND DISPOSAL PROCEDURES --

Small Spills: Absorb with sand or inert material; scoop up and dispose to proper container.
Large Spills: Prevent spread of spill by dyking. Salvage uncontaminated material if possible. Absorb remainder of spill with inert material; scoop up and dispose to proper container.

ALWAYS DISPOSE OF MATERIAL IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL CODES FOR THAT TYPE OF MATERIAL.

- Continued on following page -

Page 2 -- FE-PG2-68 msds, continued

-- SECTION 07 - HEALTH HAZARD DATA --

EYE CONTACT: May cause temporary, mild eye irritation.

SKIN CONTACT: Product is not expected to cause any skin irritation upon single or repeated contact. Prolonged contact may result in dry skin irritation.

INHALATION: Inhalation of oil mists poses a risk of pulmonary disease such as chronic lung inflammation. Shortness of breath and cough are most common symptoms. Aspiration may lead to chemical pneumonitis, which is characterized by pulmonary edema and hemorrhage and may be fatal. Signs of lung involvement include increased heart and respiration rate, and a bluish discoloration of the skin. Gastrointestinal discomfort may develop, followed by vomiting, further increasing the risk of aspiration.

INGESTION: May act as a laxative, resulting in abdominal cramps and diarrhea. No other adverse health effects from accidental ingestion of small amounts of this product are known.

EFFECTS OF OVEREXPOSURE: None currently known.

-- SECTION 08 - FIRST AID --

EYES: Flush with water for a minimum of 15 minutes to flush any contaminants that may have been carried into the eyes by the material (remove contact lenses). If hot solution has entered eyes, treat as thermal burn.

SKIN: Flush with water; wash with soap and water after handling.

INHALATION: Remove to fresh air. Seek medical attention if irritation persists.

INGESTION: Seek medical attention. Never give anything by mouth to an unconscious person.

-- SECTION 09 - SPECIAL HANDLING INFORMATION --

VENTILATION: None normally required; product normally does not produce vapors or mist, unless heated and/or atomized. Provide adequate non-local ventilation for these conditions.

RESPIRATORY PROTECTION: None normally required; NIOSH approved respirator for mist conditions.

PROTECTIVE CLOTHING: Impervious gloves suitable for the conditions.

EYE PROTECTION: Protective eye wear commensurate with the application.

-- SECTION 10 - REGULATORY AND ADDITIONAL INFORMATION --

HANDLING AND STORAGE: Do not breathe vapors or mist. Do not allow contact with eyes, or leave in contact with skin for prolonged periods. Wash contaminated clothing prior to re-use. Do not allow contact with oxidizers. Empty Containers: Do not reuse empty containers for storage of foodstuffs or potable water. For returnable drums or drums set aside for reconditioner, empty drums as completely as possible and fit bungs tightly with undamaged closures. D.O.T. Regulations forbid transportation of partially filled and unclosed containers.

D.O.T.: Shipping Classification: Synthetic Lubricating Oil, Unregulated

TSCA - The ingredients in this material are listed on the TSCA Inventory.

SARA Title III Information (for components of this compound): A) Sections 311/312 - None Listed; B) Section 313 - None Listed; C) Section 302 - None Listed as an Extremely Hazardous Substance(s).

CERCLA Information for component ingredients: None Listed in Table 302.4 of 40 CFR Part 302 as a hazardous substance with NRC RQs.

Abbreviations Used in this Material Safety Data Sheet: < = Less Than; > = Greater Than; N/A = Not Applicable; N/E = Not Established; N/L = Not Listed; N/D = Not Determined; TWA = Time Weighted Average; STEL = Short Term Exposure Limit; PEL = Permissible Exposure Limit; NIOSH = National Institute of Occupational Safety & Health; OSHA = Occupational Safety & Health Administration; ACGIH = American Conference of Government and Industrial Hygienists; NTP = National Toxicology Program; IARC = International Agency for the Registration of Carcinogens; TSCA = Toxic Substance Control Act; SARA = Superfund Amendment Reauthorization Act; RQs = Reportable Quantities; CERCLA = Comprehensive Environmental Response Compensation and Liability Act; NRC = National Response Center; RCRA = Resource Recovery and Conservation Act.

The information herein is given in good faith, but no warranty, express or implied, is made.