

# Material Safety Data Sheet

Date of Preparation: 2/1/04

MSDS No. GPL-5

## Section 1 – Chemical Product and Company Identification

**Product Name:** PAG Refrigerant Oil Low Viscosity.

**Part Number(s):** GPL-5

**CAS Number:** NOT APPLICABLE TO MIXTURES

**Product Class:** Automotive product

**Manufacturer:** Interdynamics, Inc. 80 39<sup>th</sup> Street, 8<sup>th</sup> Floor, Brooklyn, NY 11232

**Information Phone No. (Interdynamics):** 718-499-0608 **Emergency Phone No.(CHEMTREC):** 800-424-9300

## Section 2 – Composition/ Information on Ingredients

Ingredient Name	CAS Number	OSHA TWA	ACGIH TLV
Polyoxoalkylene glycol ether	-	Not Listed	Not Listed
TriCresylphosphate	1330-78-5	Not Listed	Not Listed
Ingredients not precisely identified are proprietary or non-hazardous.			

## Section 3 – Physical and Chemical Properties

**Physical State:** Liquid.

**Appearance/Odor:** Colorless with characteristic odor.

**% Volatile:** N/A

**Boiling Range:** >200 deg. C.

**Vapor Density (Air=1):** No Data

**Specific Gravity (@C20 °C):** No Data

**Evaporation Rate(Butyl Acetate=1):** No Data  
C.

**Vapor Pressure:** <5 @ mmHg. at 20 deg. C.

## Section 4 – Fire Fighting Measures

**Flash Point:** >250 deg. C.

**Flash Point Method:** Cleveland Open Cup

**LEL:** N/A

**Extinguishing Media:** Carbon Dioxide, Dry Chemical, Foam, Water Fog (avoid violent production of steam).

**Unusual Fire or Explosion Hazards:** Combustion Products: Oxides of phosphorous and carbon.

**Special Fire-Fighting Procedures:** Firefighters must wear self-contained breathing apparatus with full face-piece operated in pressure demand or positive pressure mode. Use full turnout gear.

## Section 5 – Stability and Reactivity

**Stability:** Stable

**Polymerization:** Will not occur.

**Incompatibilities & Conditions to Avoid:** Avoid Strong oxidizing agents, alkali metals.

**Hazardous Decomposition Products:** Highly unlikely under intended handling and use.

## Section 6 – Health Hazard Information

**Primary Entry Routes:** Eyes, dermal, inhalation and ingestion

**Target Organs:** Eyes, skin, respiratory system

**Signs & Symptoms of Exposure:** Repeated and/or prolonged skin contact may cause irritation. May cause mild eye

irritation. High concentrations of mists or aerosols may be irritant to the respiratory tract.

**Acute Effects:** Skin and eye irritation.

**Chronic Effects:** Unknown.

**Carcinogenicity:** This product does not contain components that are listed as a Carcinogen.

**Medical Conditions Generally Aggravated by Exposure:** No Data.

**Emergency and First Aid Procedures**

**Inhalation:** Remove patient from exposure. If a cough or other respiratory symptoms develop, consult medical personnel.

**Eye Contact:** Irrigate with eyewash solution or clean water, holding eyelids apart, for at least 15 minutes. If redness, itching, or a burning sensation develops, have eyes examined and treated by medical personnel.

**Skin Contact:** Remove contaminated clothing. Wash material off of the skin with plenty of soap and water. If redness, itching, or burning sensation develops, get medical attention. Wash contaminated clothing and decontaminate footwear before use.

**Ingestion:** DO NOT induce vomiting. Wash out mouth and give 1 or 2 glasses of water to drink. If gastrointestinal symptoms develop, consult medical personnel. (Never give anything by mouth to an unconscious person.)

**Note To Physician:** This material is considered to be only slightly toxic. The potential complications associated with removing material from the GI tract, the amount digested, and the time since ingestion should be taken into account when developing a treatment plan.

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## Section 7 – Spill, Leak, and Disposal Procedures

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**Keep at temperature not exceeding 113 DEG F. Storage temperature is 60 – 100 deg. F. Keep containers dry. Keep away from direct sunlight, or any heat source.**

**Steps To Be Taken In Case Material Is Released or Spilled:** Contain and absorb large spillages onto an inert, non-flammable absorbent carrier (such as earth or sand). Do not allow to enter drains, sewers, or waterways. Shovel into a chemical waste container for disposal or recovery.

**Waste Disposal Method:** In accordance with applicable Federal, State and local regulations. Discarded product is not a hazardous waste under RCRA 40 CFR 261.

**Precautions To Be Taken In Handling and Storage:** Wear protective gloves and clothing with an outer layer of Mylar coated Durafab. Wear safety goggles. Use in well ventilated areas.

**Other Precautions:** Avoid prolonged or recurring skin contact. Avoid eye contact. Avoid inhalation of high concentrations of mists or aerosols. Avoid ingress of moisture by keeping containers properly sealed when not in use. Keep away from strong oxidizing agents, alkali metals, heat or flame.

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## Section 8 – Exposure Controls / Personal Protection

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**Ventilation general mechanical ventilation. Oil mist inhalation should be avoided.**

**Protective Clothing/Equipment:** NIOSH or MSHA respiratory protection must be worn if exposure to high concentrations is possible. Chemical tight goggles, full face-shield in addition if splashing is possible. Oil impervious Protective Gloves with outer layer of Mylar coated Durafab or PVA or Neoprene. Apron, arm covers or full body suit, depending on conditions. Impervious boots in case of prolonged liquid contact.

**Safety Stations:** Ventilate low-lying areas such as sumps or pits where dense vapors may collect. Use local exhaust to control exposures.

**Work/Hygienic Practices:** Use in well ventilated areas. Avoid inhaling vapors. Avoid contact with eyes, skin or clothing. Provide eyewash station. Wear chemical tight goggles.

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## DOT Transportation Data

<u>PART NUMBER(S)</u>	<u>SHIPPING NAME</u>	<u>HAZARD CLASS IDNO.</u>	<u>PACKING GROUP</u>
GPL-5	Consumer Commodity	N/A	N/A

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