



Material Safety Data Sheet

Date of Preparation: April 29, 2009

Section 1 – Chemical Product and Company Identification

Product Name: PAO Oil Lubricant

Part Number(s): 51105 (500 mL), 51110 (1 L), 51125 (250 mL)

Product Use: A/C Compressor Lubricant

Manufacturer: Cliquight Manufacturing
961 Alness Street
Toronto, ON M3J 2J1, Canada

Telephone: +1 416 736 9036 or 1- 800-526-7096 **Emergency Telephone:** +1 416 736 9036 or 1- 800-526-7096

Section 2 – Composition/ Information on Ingredients

This product contains no hazardous components.

Section 3 – Hazards Identification

Primary Entry Routes: Eyes, skin.

Target Organs: Eyes, skin.

Effects of Overexposure: Prolonged or repeated contact may cause skin irritation and possibly dermatitis. Possibly irritating to the respiratory system.

Eyes: Unlikely to cause more than transient stinging or redness if accidental eye contact occurs.

Skin: Unlikely to cause harm to the skin on brief or occasional contact, but prolonged or repeated exposure may lead to dermatitis. Unlikely to cause sensitization by skin contact.

Ingestion: Unlikely to cause harm if accidentally swallowed in small doses, though larger quantities may cause vomiting and diarrhea.

Inhalation: At normal temperatures this product does not present an inhalation hazard because of its low volatility.

May be harmful by inhalation if exposure to vapor, mists or fumes occurs as a result of thermal decomposition product.

Section 4 – Emergency and First Aid Procedures

Eye Contact: Wash eyes thoroughly with copious quantities of water, ensuring eyelids are held open. Obtain medical advice if any pain or redness develops or persists.

Skin Contact: Wash skin thoroughly with soap and water as soon as reasonably practicable. Remove heavily contaminated clothing and wash underlying skin.

Ingestion: If contamination of the mouth occurs, wash out thoroughly with water. The ingestion of large amounts of product is unlikely. If it should occur, do not induce vomiting; obtain medical advice.

Inhalation: If inhalation of mists, fumes or vapors causes irritation to the nose or throat, or coughing, remove to fresh air. If symptoms persist, obtain medical advice.

Section 5 – Fire Fighting Measures

Extinguishing Media: Use foam, dry powder or water fog. DO NOT USE water jets. Water may be used to cool nearby heat exposed areas/objects/packages. Avoid spraying directly into storage containers because of danger of boil-over.

Special Fire-Fighting Procedures: Self-contained breathing apparatus.

Combustion Products: Toxic fumes may be evolved on burning or exposure to heat.

Section 6 – Spill, Leak, and Disposal Procedures

Prevent entry into sewers and water ways. Recover spilled material using sand or other suitable inert absorbent material. Place used rags and absorbent in closed metal containers. Spilled material may make surfaces slippery.

Section 7 – Handling and Storage

Handling Precautions: Avoid contact with eyes. If splashing is likely to occur, wear a full face visor or chemical goggles as appropriate.

Avoid frequent or prolonged skin contact with fresh or used product.

Storage Conditions: Store under cover away from heat and sources of ignition.

Section 8 – Exposure Controls / Personal Protection

Exposure Limits: Avoid inhalation of vapor, mists or fumes generated during use. Ensure good ventilation.

Protective Clothing: Wear face visor or goggles in circumstances where eye contact can accidentally occur. Change heavily contaminated clothing and launder before re-use. Wash any contaminated underlying skin with soap and water. If skin contact is likely, wear impervious protective clothing and/or goggles.

Section 9 – Physical and Chemical Properties

	TEST METHOD	UNITS	TYPICAL
Physical State	Visual		Viscous liquid
Color	Visual		Clear
Odor	Physical		Oily
Density @ 15°C	ASTM D1298	kg/L	0.8378
Flash Point (PMC)	ASTM D93	°C	>200
Kinematic Viscosity @ 40°C	ASTM D445	cSt	71.2
@ 100°C	ASTM D445	cSt	10.7
Total Acid Number	ASTM D974		0.01

Section 10 – Stability and Reactivity

Conditions to Avoid: Products of this type are stable and unlikely to react in a hazardous manner under normal conditions of use.

Hazardous polymerization: Will not occur.

Materials to Avoid: Avoid contact with strong oxidizing agents

Hazardous Decomposition Products: Carbon dioxide and carbon monoxide. This material is combustible.

Section 11– Toxicological Information

No information available.

Section 12– Ecological Information

Mobility: Spillages may penetrate the soil causing ground water contamination.

Persistence and Degradability: Bioaccumulative potential.

Section 13– Product Disposal

Contact a licensed professional waste disposal service to dispose of this material. Observe all federal, state or provincial and local regulations.

Incineration may be carried out under controlled conditions provided that local regulations are met.

See section 6.

Section 14 –Transport Information

Not classified as hazardous for transport (ADG, UN, IATA/ICAO)

Section 15 –Regulatory Information

Warning Symbol: None. Not a hazardous product.

Risk Phrases: None

Safety Phrases: S26: After contact with eyes, rinse immediately with plenty of water and seek medical advice

S27: Take off immediately all contaminated clothing

S28: After contact with skin, wash immediately with plenty of soap and water

Section 16 –Other Information

All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.