

SAFETY DATA SHEET

PAO OIL

Revision Date: May 7, 2015

Supersedes: April 18, 2012

Version: 2.0

Section 1 – Identification of the Substance/Mixture and of the Company/Undertaking

Product name: PAO OIL; PAO OIL WITH UV DYE

Part Numbers: 51105, 51110; 51111 (with UV dye)

Product Use: Refrigeration compressor lubricant

Manufacturer: Cliplight Manufacturing

961 Alness Street

Toronto, ON M3J 2J1, Canada

email: sales@cliplight.com

Telephone: +1 416 736 9036

Emergency Telephone: +1 613 996 6666 (Canutec)

Section 2 – Hazards Identification

GHS Classification

These products are not classified as hazardous under the GHS, 29 CFR 1910.1200, WHMIS 2015 or (EC) No 1272/2008.

Precautionary statements:

P280 Wear protective gloves and eye protection.

Section 3 – Composition/Information on Ingredients

No component of these products is classified as hazardous under the GHS, 29 CFR 1910.1200, WHMIS 2015 or (EC) No 1272/2008.

Section 4 – First-Aid Measures

Inhalation

Supply fresh air; consult a doctor in case of complaints.

Skin contact

Remove any affected clothing and wash exposed skin with soap and water and rinse thoroughly.

Eye contact

Rinse opened eye immediately with plenty of water for several minutes. If symptoms persist, consult a doctor.

Ingestion

Do not induce vomiting; immediately call for medical help.

Other Symptoms

None known.

Section 5 – Fire-Fighting Measures

Extinguishing media

Do not use a water stream. Use foam, carbon dioxide, dry chemical or water spray.

Special hazards arising from the substance or mixture

In combustion emits toxic fumes. Product has a lower density than water and will float on a water surface.

Advice for firefighters

Wear self-contained breathing apparatus as required. Cool fire-exposed containers with a water spray.

Section 6 – Accidental Release Measures

Personal precautions

Wear chemical-resistant gloves and chemical safety goggles or safety glasses with side shields.

Environmental precautions

Shut off all sources of ignition. Ensure adequate ventilation. Avoid runoff to sewers and waterways.

Methods and materials for containment and cleaning up

Cover spill with dry-lime, sand, or soda ash. Place in covered containers using non-sparking tools. Treat or dispose of waste material in accordance with all local, state, provincial and national requirements.

Section 7 – Handling and Storage

Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practices.

Conditions for safe storage

Keep container closed. Keep away from heat, sparks and open flame.

Section 8 – Exposure Controls/Personal Protection

Control Parameters

No components of these products have listed occupational exposure limits.

Engineering Controls

Normal good room ventilation should be sufficient.

Protective Equipment

Wear chemical-resistant gloves, nitrile is recommended, and chemical safety goggles or safety glasses with side shields.

Hygiene

Handle in accordance with good industrial hygiene and safety practices. Wash hands after use.

SAFETY DATA SHEET**PAO OIL**

Revision Date: May 7, 2015

Version: 2.0

Section 9 – Physical and Chemical Properties

Appearance	51105, 51110: Clear liquid or yellow tint 51111: Liquid with yellow-green tint
Odour	Characteristic
Odour threshold	No data available
pH	No data available
Melting point/freezing point	No data available
Initial boiling point/ boiling range	>250°C (482°F)
Flash point	246-271°C (475-520°F)
Evaporation rate	No data available
Flammability or explosive limits	No data available
Vapour pressure	No data available
Vapour density	No data available
Specific gravity	No data available
Solubility in water	Negligible
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	60.79-71.39 cSt @40°C (104°F)

Section 10 – Stability and Reactivity**Reactivity**

Not reactive under normal conditions.

Chemical stability

Stable under conditions of recommended storage.

Possibility of hazardous reactions

None likely

Conditions to avoid

Direct sunlight; extremely high or low temperatures

Incompatible materials

Strong acids and bases

Hazardous decomposition products

In combustion, forms carbon dioxide/monoxide.

Section 11 – Toxicological Information**Acute toxicity**

No data available

Skin corrosion/irritation

No data available

Serious eye damage/irritation

No data available

SAFETY DATA SHEET

PAO OIL

Revision Date: May 7, 2015

Version: 2.0

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

Not identified as a carcinogen by IARC

Reproductive toxicity

No data available

Specific target organ toxicity

No data available

Aspiration Hazard

No data available

Potential Health Effects:

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

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

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

Ingestion: Unlikely to cause harm if accidentally swallowed in small doses, though larger quantities may produce a laxative effect.

Section 12 – Ecological Information

Aquatic toxicity

No data available

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects

No data available

Section 13 – Product Disposal

Product

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

Contaminated packaging

Dispose of as product.

Section 14 – Transport Information

DOT/IMDG/IACO/IATA/TDG

This product is non-regulated.

Section 15 – Regulatory Information

All components of this product are listed in the U.S. Toxic Substances Control Act (TSCA) Inventory.

All components of this product are on the Canadian Domestic Substances List (DSL).

All components of this product are on or in compliance with the Australian Inventory of Chemical Substances (AICS) Inventory.

A chemical safety assessment has not been carried out for this product.

Section 16 – Other Information

HMIS CLASSIFICATION

Health Hazard	0
Flammability	1
Reactivity	0

Notes on this revision

This version 2.0 (May 7, 2015) has been updated from the version of April 18, 2012 to meet the requirements of the GHS, OSHA Hazard Communications Standard 2012, WHMIS 2015 and (EU) No 453/2010 from June 1, 2015.

The classification of the product is unchanged and no substantive changes have been made to the description of the product or to instructions for its safe use, transportation, handling and storage.

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.