

SAFETY DATA SHEET

HYBRID A/C COMPRESSOR OIL

Revision Date: June 10, 2015
Supersedes: October 24, 2012

Version: 2.1

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

Product Name: HYBRID A/C COMPRESSOR OIL
Part Number: 51112
Product Use: Lubricant for Electric and Hybrid Automotive A/C Systems
Manufacturer: Cliplight Manufacturing
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Section 2 – Hazards Identification

This product is 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

The components of this product are not classified as hazardous under the GHS, 29 CFR 1910.1200, WHMIS 2015 or (EC) No 1272/2008.

Section 4 – First-Aid Measures

Inhalation

Inhalation under normal exposure should not cause problems; however, if inhalation has resulted in symptoms, move patient to fresh air and consult a physician.

Eye Contact

Remove contact lenses and immediately flush eyes with a large amount of water for at least 15 minutes. If symptoms exist or persist, get medical attention.

Skin Contact

Wash affected skin areas thoroughly with soap and water. Remove contaminated clothing. If skin irritation persists, see a physician.

Ingestion

If swallowed, give large quantities of water to drink. Consult a physician.

Acute and Delayed Symptoms

Irritation of the mouth, pharynx, esophagus and stomach can develop following ingestion of this product.

Section 5 – Fire-Fighting Measures

Extinguishing media

DO NOT USE WATER STREAM. Violent steam generation or eruption may occur upon application of direct water stream to hot liquids. Use alcohol-resistant foam, carbon dioxide, dry chemical powder, or water spray.

Special hazards arising from the substance or mixture

Burning in a fire produces carbon oxides, smoke and fumes. Containers may rupture from gas generation in a fire situation. Use water spray or fog for cooling exposed containers.

Advice for firefighters

Self-contained breathing apparatus and protective clothing as required.

Section 6 – Accidental Release Measures

Personal precautions

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

Environmental precautions

Ventilate area. Avoid runoff to sewers and waterways.

Methods and materials for containment and cleaning up

Floor may be slippery if product has wetted the floor. Use care to avoid falling. Contain material spills immediately with inert adsorption materials. Transfer liquids and solid adsorption materials and diking material to separate suitable containers for recovery or disposal.

Section 7 – Handling and Storage

Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practices.

Conditions for safe storage

Store in the original container in a cool, well-ventilated place away from strong bases and acids. Keep container closed when not in use. Keep away from sources of ignition and direct sunlight.

Section 8 – Exposure Controls/Personal Protection

Control Parameters

None of the components of this product have occupational exposure limit values.

Engineering Controls

General room ventilation is expected to be sufficient for use of the product.

Protective Equipment

Wear protective gloves and safety glasses with side shields or splash goggles.

Hygiene

Handle in accordance with good industrial hygiene and safety practices.

Section 9 – Physical and Chemical Properties

Appearance	Clear to yellowish liquid
Odour	Characteristic
Odour threshold	No data available
pH	No data available
Melting point/freezing point	No data available
Boiling point	No data available
Flash point	No data available
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	No data available
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	100 cSt @ 40°C

Section 10 – Stability and Reactivity

Reactivity

Will not react under normal conditions.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

Unlikely

Conditions to avoid

Avoid direct sunlight and extremely high or low temperatures.

Incompatible materials

Avoid contact with strong oxidizing and reducing agents.

Hazardous decomposition products

Carbon monoxide, carbon dioxide, smoke and fumes when burned.

Section 11 – Toxicological Information

Acute toxicity

No data available

Skin corrosion/irritation

No data available

Serious eye damage/irritation

No data available

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: May cause irritation.

Eye contact: May cause irritation.

Skin contact: May cause irritation.

Ingestion: Irritation of the mouth, pharynx, esophagus and stomach can develop following ingestion of this product. May be harmful if swallowed.

Section 12 – Ecological Information

Ecotoxicity

Toxicity to fish: LC50
Species: Rainbow trout
Result: >1000 mg/l
Exposure time: 96 h

NOEC
Species: Rainbow trout
Result: 1000 mg/l
Exposure time: 96 h

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects

Avoid release to the environment.

Section 13 – Product Disposal

Product

Dispose of according to all local, state, provincial and national requirements.

Contaminated packaging

Dispose of as product.

Section 14 – Transport Information

DOT/IMDG/IACO/IATA/TDG

Not regulated for land, sea or air transport.

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:	1
Flammability:	1
Physical Hazards:	0

Notes on this revision

This version 2.1 (June 10, 2015) has been updated from the version of October 14, 2012 to meet the requirements of the GHS, OSHA Hazard Communications Standard 2012, WHMIS 2015 and (EU) No 453/2010.

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 publications of 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.