MATERIAL SAFETY DATA SHEET

GENERAL OIL AND LUBRICANT INTERNATIONAL COMPANY

Date Issued: February 03, 2025

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: **ZARCO LUBE PETROL ENGINE OIL SN SERIES**

Product Type: Petrol Engine Oil

Supplier: General Oil and Lubricant International Company FZE LLC.
Business Centre, Sharjah Publishing Free Zone
Sharjah, United Arab Emirates
Phone: +971 56 730 6715
Email: info@generaloillubricantinl.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS #	Concentration
White mineral oil, petroleum	(CAS No) 8042-47-5	80 - 85%
Lubricating oils, petroleum, C15-30, hydrotreated neutral oilbased	(CAS No) 72623-86-0	1.7 - 2.6%
Zinc alkyl di thiophosphate	68649-42-3	<1.5
Alkylphenol	121158-58-5	<0.2

3. HAZARDS IDENTIFICATION

Statement of Hazardous Nature	
This product is classified as: Not classified as hazardous according to the criteria of SWA.	
Not Dangerous Good according to IATA and IMDG/ IMSBC Criteria	
Risk Phrase	Not Hazardous
Classification od the substance or mixture	
Classification According to regulations (EC) No. 1272/2008 (CLP)	Not Classified
Label Elements	
Labelling According to regulations (EC) No. 1272/2008 (CLP)	
EUH Statement	EUH - contains Calcium Petroleum Sulfonate (61789-86-4). May produce an allergic reaction

4. FIRST AID MEASURES

Inhalation:

- Generally, not an inhalation hazard.
- Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.

Skin contact:

- Immediately flush with large amounts of water, use soap if available. Remove contaminated clothing, including shoes, after flushing has begun.
- If irritation persists, get medical attention

Eye Contact:

- Immediately flush eyes with large amounts of water for at least 15 minutes. Get prompt medical attention.

Ingestion:

- DO NOT induce vomiting. If individual is conscious, give milk of water to dilute stomach contents. Keep warm and quiet. Get prompt medical attention. DO NOT attempt to give anything by mouth to an unconscious person.

5. FIRE AND EXPLOSION MEASURES

Flash Point	**>220°C**
Extinguishing Media	CO2, dry chemical, or foam
Flammability Limits	Material can form flammable mixtures or can burn only upon heating to temperature at or above the flash point.
Special Firefighting Procedure	Recommend wearing self-contained breathing apparatus. Do not use a water jet, as this may spread the fire. In the absence of suitable extinguishers, sand or earth may be used to smoother small fires.

6. ACCIDENTAL RELEASE MEASURES

Land Spill:

- Contain spilled liquid with sand or earth.
- Recover by pumping (preferably use an explosion proof or hand pump) or with a suitable absorbent. If liquid is too viscous for pumping, scrape up with shovels or pails and place in suitable containers for recycle or disposal.
- Consult and expert on disposal of recovered material and ensure conformity to local disposal regulations.

Water Spill:

- Warn other shipping. Notify port or relevant authority and keep public away. Shut off source if possible, to do without hazard.
- Material that will sink. No immediate action – consult and expert.
- Consult an expert on disposal of any recovered material and ensure conformity to local disposal regulations.

7. HANDLING AND STORAGE

Maximum Storage temperature (^{O}C) : about 40.
Maximum Transport temperature (^{O}C) : about 40.

Handling Procedure:

- Keep container closed. Handle containers with care. Open slowly in order to control possible pressure release. Store in a cool, well-ventilated place away from incompatible materials.
- Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight.
- Do not pressurize, cut, heat or weld containers. Empty product containers may contain product residue.
- DO NOT reuse empty containers without commercial cleaning or reconditioning.

Storage Procedure:

- No special storage precautions required.

8. EXPOSURE CONTROLS/PERSONAL PREOTECTION

Ventilation Procedure: General or local exhaust ventilation should be provided if oil mist are generated.
Gloves Protection: Wear oil resistant gloves and overalls to minimize skin contact and contamination of personal clothing.
Eye Protection: Safety glasses. If potential for splash or mist exists, wear chemical goggles or face shield.
Respirator Protection: No ordinarily required but avoid inhalation of mist.

9. PHYSICAL PROPERTIES

Physical State at 20°C : Liquid
Water Solubility : Insoluble
Appearance/Odor : Amber to dark colored liquid/slight odor

SAE Grade	0W-20	5W-20	5W-30	10W-30	10W-40
Density at 15°C, Kg/L	0.838	0.838	0.845	0.873	0.888
Viscosity at 100°C, cSt	8 – 8.5	8 - 8.5	9.5 - 11	9.5 -11	14 - 16
Pour Point	-38	-33	-36	-32	-30
Melting Point	N/A	N/A	N/A	N/A	N/A
Flash Point (COC)	>215°C	>210°C	>220°C	>215°C	>220°C

10. STABILITY AND REACTIVITY

Reactivity: This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf-life properties.

Conditions to Avoid: This product should be kept in a cool place, preferably below 30°C. Keep containers tightly closed. Containers should be kept dry.

Incompatibilities: Strong oxidizing agents.

Fire Decomposition: Combustion forms carbon dioxide, and if incomplete, carbon monoxide, various hydrocarbons, aldehydes and smoke. Water is also formed. Small quantities of oxides of nitrogen, sulfur, zinc and phosphorus. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment and unconsciousness followed by coma and death.

Polymerization: This product will not undergo polymerization reactions.

11. ECOLOGOCIAL INFORAMTION

Environmental Effects: No specific toxicology data on this product is available.

Remarks: This material present environmental risks common to oil spills. Contact your Local oil spill response group and applicable government agencies if a spill occurs.

12. DISPOSAL CONSIDERATIONS

Waste Disposal: Place contained materials in disposable containers and dispose-off in a manner consistent with applicable regulations. Contact local environmental or health authorities for approved disposal of this material.

13. TRANSPORT INFORMATION

Transportation of Dangerous Goods

UN Number	Not Applicable
Dangerous Goods Class	Not Applicable
Proper Shipping Name	Not Applicable
Hazchem Code	Not Applicable
Additional Information	Not Determined

14. REGULATORY INFORMATION

Respirator Information: In the absence of local approval authorities/standards, follow USNIOSH/ MSHA, UK BSI regulations, Respirators must meet either the above or local standard for approved respirators.

15. OTHER INFORMATION

No other health hazards known.

This information related only to the specific material designated and may not be valid for such material used in combination with any other material or in any process. Such information is to the best of General Oil and Lubricant International Company's knowledge and believed to be accurate and reliable as of the indicated.
However, no representation, warranty or guarantee is more as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.

Business Centre, Sharjah Publishing City Free Zone, Sharjah, United Arab Emirates
Phone: +971 56 730 6715, Email**:** info@generaloillubricantinl.com
Web: www.generaloillubricantintl.com

EELQMS *Approved*
European Engine Lubricant
Quality Management System (EELQMS)

American Petroleum Institute

dynamics
middle east FZC

Read More

Manufacturing Facilities

Business Center,
Sharjah Publishing City Free Zone,
Sharjah,
United Arab Emirates

BLOCK-1, PLOT-174,
SHINAS ALGHURIFEA,
SHINAS INDUSTRIAL AREA
SULTANATE OF OMAN

P-03-08, Impian Meridian Commerz,
Jalan Subang 1, Usj 1,
47600 Subang Jaya Selangor
Malaysia

Global Offices

Zarco lube Rotterdam
Sintandriesstraat 234
3073 JW Rotterdam,
South-Holland The Netherlands.
KVK: 95494057

Zarco lube France USA
8 Legends Circle
Melville NY 11747
USA

Zarco lube UK
16054988
108 Denbydale Way,
Royton, Oldham,
OL2 5UH, England

Zarco lube France
2 ALLEE Christine
de Pisan 45100
Orléans
appt. 1148, batiment 2

Zarco lube Australia
C/-Sciacca & Associates
Suite 7, 41 Park Road
Milton, QLD, 4064 Australia
(CAN 683 868 493)

info@zarcolube.com

Copyright 2024. All rights reserved - ZARCO Lube