



ZARCO
L U B E

MATERIAL SAFETY DATA SHEET

Produced by:
Quality & Compliance Team of Inspection and Testing Unit



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: ZARCO LUBE GREASE MP2

Product Type: GREASE

Manufacturer: General Oil and Lubricant International Company FZE LLC.
Business Centre, Sharjah Publishing Free Zone
Sharjah, United Arab Emirates
Email: info@zarcolube.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENTS	CAS NO.	AMOUNT
Highly refined mineral oil (C15-C50)	mixture	70-99 %weight
Distillates (petroleum), hydrotreated middle	64742-46-7	0-30 % weight
Phosphorodithioic acid, mixed O, O-bis(iso-Bu and pentyl) esters, zinc salts	68457-79-4	1-<4 %weight
Succinic anhydride, alkylation products with C12-rich branched olefins from propene oligomerisation, hydrolozed, esterification products with propylene oxide	Not available	<1 %weight
Phosphoric acid ester, amine salt	mixture	<1 %weight



3. HAZARDS IDENTIFICATION

Statement of Hazardous Nature	
This product is classified as: Not classified as hazardous according to the criteria of SWA.	
Risk Phrase	Not Hazardous
Classification of 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 MEASUREMENT

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.



GLOBAL PRESENCE LOCAL EXPERIENCE



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LUBE**

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PORSCHE
APPROVAL A40



Mercedes-Benz
Approval 229.3, SAE 5W30
for Zarco Lube

VOLVO
VOLVO GROUP

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GM dexos 1 Gen 3 ✓



Oronite



CLIMATE
IMPACT
PARTNERS



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:

- No specific first aid measures are required. As a precaution, remove contact lenses, if worn, and flush eyes with water.

Ingestion:

- No specific measures are required. Do not induce vomiting. As a precaution, get medical advise.





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5. FIRE AND EXPLOSION MEASURES

Flashpoint
Extinguishing Media
Flammability Limits

>204°C

CO₂, dry chemical, or foam

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 smother 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 (oC) : about 40.
Maximum Transport temperature (oC) : 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 PROTECTION

Ventilation Procedures: General or local exhaust ventilation should be provided if oil mist are generated.
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: Not ordinarily required but avoid inhalation of mist.



9. PHYSICAL PROPERTIES

Physical State at 20 C :**Semi Solid**

Appearance/Colour°

Glazy Yellow

PARAMETERS	TEST METHOD	UNIT	ZARCO LUBE EP 2
Soap/Thickener	–	–	Complex
NLGI Grade	ASTM D217	–	2
Odor	Visual	–	Petroleum Odor
Appearance	Visual	–	Smooth
Operating Temperature range	ASTM D217	°C	-30 to 140
Four ball weld load,daN	DIN 51 350-4	–	280 – 300
Penetration @ 25°C	ASTM D27	0.1 mm	265– 295
Dropping point	IP 396/DIN ISO 2176	°C	≥190
Kinematic viscosity of the base oil @ 40°	ASTM D445	mm ² /s	165
Flash Point			204 °C
Autoignition			No data available
Flammability			Lower
Freezing Point			No data available
Melting Point			165°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. ECOLOGICAL INFORMATION

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



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www.zarcolume.com
Date Issued: **June 17, 2025**

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.