

Material Safety Data Sheet**1 PRODUCT AND COMPANY IDENTIFICATIONS**

Product Trade Name	Prado Diesel Engine Oil API CI-4 Series
Product Type	Diesel Engine Oil
Preparation/Revision Date	01-Oct-20
Supplier Details	Prado Lubricants Bldg B1-505, Free Zone Building P.O. Box 40413 Ajman, UAE
MSDS No.	PR-DEO-002

2 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
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Classification of the substance or mixture

Classification According to regulations (EC) No. 1272/2008 (CLP)	Not Classified
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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
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3 COMPOSITION

Components	CAS #	Concentration
Mineral Oil -Distillates (petroleum), hydrotreated heavy paraffinic	(CAS No) 64742-54-7 (EC no) 265-157-1 (EC index no) 649-467-00-8	80 - 85%
Zinc alkyl di thiophosphate	68649-42-3	<1.5
Alkylphenol	121158-58-5	<0.2

4 FIRST AID MEASURES

Inhalation	Generally not an inhalation hazard. Using 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 amount 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 amount of water for at least 15 minutes. Get prompt medical attention.

**Ingestion**

Do not induce vomiting. If individual is conscious, give milk or water to dilute stomach contents. Keep warm and quiet. Get prompt medical attention. Do not give anything by mouth to an unconscious person.

5**FIRE AND EXPLOSION HAZARDS****Flash Point**
Extinguishing Media

>220°C
CO₂, dry chemical, or foam

Flammability Limits

Material can form flammable mixtures or can burn only upon heating to temperatures at or above the flash point.

Special Firefighting

Recommend wearing self-contained breathing apparatus.

Procedures

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 an expert on disposal or 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, better consult an expert. Consult an expert on disposal or covered material and ensure conformity to local disposal regulations.

7**HANDLING AND STORAGE****Maximum Storage temperature, (°C)**

about 40

Maximum Transport temperature, (°C)

about 40

Handling procedures

Keep containers closed when not in use. Handle containers with care. Open slowly in order to control possible pressure release. Do not handle, store or open near an open flame, sources of heat or sources of ignition. 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 procedures

No special storage precautions required.

8 EXPOSURE CONTROLS AND PROTECTION INFORMATION

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 faceshield.
Respiratory Protection	Not ordinarily required but avoid inhalation of mist.

9 PHYSICAL DATA

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

SAE Grade	15W-40	20W-50
Density at 15°C, Kg/L	0.87	0.88
Viscosity at 100°C, cSt	13 .0 - 16.0	17.0 - 21.0
Pour Point	-33	-27
Melting Point	N/A	N/A
Flash Point (COC)	>220°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
Polymerisation	This product will not undergo polymerisation reactions

11 ECOLOGICAL INFORMATION

Environmental Effects	No specific toxicology data on this product is available.
Remarks	This material may 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 OTHER INFORMATION

No other health hazards known.

14 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

15 REGULATORY INFORMATION**Respirator Information**

In the absence of local approval authorities/ standards, follow US NIOSH/MSHA, UK bsi regulations, Respirators must meet either the above or local standard for approved respirators.

*This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of **PRADO LUBRICANTS** knowledge and believed accurate and reliable as of the date 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.