

# SAFETY DATA SHEET

## Zenon 0W-40 PRO Passenger Car Motor Oil (PCMO)

### Section 1. Identification

Product Name	Zenon 0W-40 PRO
Product Code	0004
SDS No.	ZP0004
Product Type	Liquid
Recommended Use	Lubrication of modern heavy-duty diesel engines operating under severe conditions
Supplier	Zenon Petroleum FZE
Address	Hamriyah Free Zone, Sharjah United Arab Emirates
Email Address	info@zenonpetroleum.ae

### Section 2. Hazards Identification

GHS Classification	Not classified as hazardous
Signal Word	None
Hazard Statements	No known significant hazards under normal use
Precautionary Statements	Avoid prolonged skin contact; wash hands after handling
Other Hazards	Used engine oil may contain hazardous combustion by-products
OSHA / GHS Status	GHS compliant; not classified as hazardous

### Section 3. Composition / Information on Ingredients

Component	CAS No.	Concentration
Base Oil	64742-65-0	70% - 90%
	64742-54-7	
	68037-01-4	
Performance Additives	Mixture	10% - 30%

The exact composition is proprietary and withheld as a trade secret. The product does not contain ingredients classified as hazardous at the concentrations present.

### Section 4. First Aid Measures

**Skin Contact:** Wash immediately with soap and water. Remove contaminated clothing.

**Eye Contact:** Rinse cautiously with clean water for at least 15 minutes. Seek medical attention if irritation persists.

**Inhalation:** Move exposed person to fresh air and keep at rest.

**Ingestion:** Do not induce vomiting. Rinse mouth and seek medical attention if symptoms occur.

## Section 5. Fire-Fighting Measures

Suitable Extinguishing Media: Foam, dry chemical powder, carbon dioxide (CO<sub>2</sub>).

Unsuitable Media: Direct water jet.

Hazardous Combustion Products: Carbon monoxide, carbon dioxide, nitrogen oxides, sulfur oxides, metal oxides.

Protective Equipment: Firefighters should wear self-contained breathing apparatus (SCBA) and full protective gear.

## Section 6. Accidental Release Measures

Personal Precautions: Avoid contact with skin and eyes. Use appropriate personal protective equipment.

Environmental Precautions: Prevent product from entering drains, soil, or waterways.

Methods of Cleaning: Absorb with inert material such as sand or earth and collect for disposal in accordance with local regulations.

## Section 7. Handling and Storage

Handling: Use good industrial hygiene practices. Avoid prolonged or repeated exposure.

Storage: Store in original sealed containers in a cool, dry, well-ventilated area away from direct sunlight and ignition sources.

## Section 8. Exposure Controls / Personal Protection

Engineering Controls: Provide adequate ventilation.

Personal Protective Equipment: Oil-resistant gloves, safety glasses, protective clothing if required.

Hygiene Measures: Wash hands thoroughly after handling and before eating or drinking.

## Section 9. Physical and Chemical Properties

Physical State:	Liquid
Color:	Brown
Odor:	Mild petroleum odor
Density:	Approx. 0.865 – 0.885 g/cm <sup>3</sup> at 15°C
Flash Point:	Approx. >200°C
Kinematic Viscosity:	~5.5 CSt – 19.5 CSt at 100°C
Pour Point:	Approx. < -15°C
Solubility:	Insoluble in water

## Section 10. Stability and Reactivity

Chemical Stability:	Stable under normal conditions.
Conditions to Avoid:	Excessive heat, sparks, open flames.
Incompatible Materials:	Strong oxidizing agents.
Hazardous Reactions:	None under normal conditions.

## Section 11. Toxicological Information

Routes of Exposure:	Skin contact, inhalation, ingestion.
Acute Toxicity:	No known significant toxic effects.
Chronic Effects:	Prolonged contact with used oil may cause skin irritation or dryness.

## Section 12. Ecological Information

Biodegradability:	Expected to be biodegradable.
Bioaccumulative Potential:	Not expected to bioaccumulate.
Environmental Impact:	Spills may form a surface film on water, reducing oxygen transfer.

## Section 13. Disposal Considerations

Dispose of product and container in accordance with UAE environmental and waste disposal regulations.

Recycling of empty containers is recommended where possible.

## Section 14. Transport Information

UN Number:	Not regulated.
Transport Hazard Class:	Not regulated.
ADR / IMDG / IATA:	Not regulated.

## Section 15. Regulatory Information

This product is not classified as hazardous according to GHS.

Prepared in alignment with UAE ECAS / MoIAT chemical safety requirements.

## Section 16. Other Information

Revision History:  
Version 1.0 – Initial Release  
Date: 2026-01-30

This Safety Data Sheet is prepared for private label use under Zenon brand. Information is believed to be accurate at the date of issue.