

SAFETY DATA SHEET

Zenon 15W-40 Heavy Duty Diesel Engine Oil

Section 1. Identification

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| Product Name | Zenon 15W-40 |
| Product Code | 0027 |
| SDS No. | ZP0027 |
| Product Type | Liquid |
| Recommended Use | Lubrication of modern gasoline 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

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|--------------------------|--|
| 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 (CO₂).

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

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| Physical State: | Liquid |
| Color: | Brown |
| Odor: | Mild petroleum odor |
| Density: | Approx. 0.865 – 0.885 g/cm ³ 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

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| 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

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| 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

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| 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

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|-------------------------|----------------|
| 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.