

SAFETY DATA SHEET (SDS)

Product Name: ACCEL Ultra S SAE 10W-40

Product Type: Automotive Engine Oil

Supplier: OLA ENERGY

Region: Africa and Middle East

1. PRODUCT AND COMPANY IDENTIFICATION

- **Product Identifier:** ACCEL Ultra S SAE 10W-40
 - **Relevant Uses:** Lubrication for automotive engines
 - **Supplier Details:**
 - Company: OLA ENERGY
 - Address: [Insert Address – Africa/Middle East Branch]
 - **Emergency Contact :** (Emergency Contact)
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2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Concentration	CAS Number	REACH Status
Severely Treated Mineral Oils	85-95%	Mixture	Registered
Calcium Sulfonate	1-5%	Proprietary	Registered
Alkylated Phenol	1-5%	Proprietary	SVHC Candidate (if $\geq 0.1\%$ w/w)
Zinc Dialkyl Dithiophosphate (ZDDP)	1-5%	68649-42-3	Registered (CLP classified)

Notes:

- *ZDDP* is cited on multiple regulatory lists (Section 15). Ensure compliance with EU CLP classifications.
 - Proprietary components are non-hazardous and protected under REACH confidentiality.
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3. HAZARDS IDENTIFICATION

- **GHS Classification (CLP):**

- Skin Irritation: Category 2
 - Eye Irritation: Category 2B
 - Specific Target Organ Toxicity (STOT) – Single Exposure: Category 3 (Respiratory Irritation)
 - **GHS Label Elements:**
 - **Signal Word:** Warning
 - **Hazard Statements:**
 - H315: Causes skin irritation
 - H320: Causes eye irritation
 - H335: May cause respiratory irritation
 - **Precautionary Statements:**
 - P261: Avoid breathing mist/vapors.
 - P280: Wear protective gloves/eye protection.
 - P302+P352: IF ON SKIN: Wash with plenty of water.
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4. FIRST AID MEASURES

- **High-Pressure Injection Injury:** Immediate surgical evaluation required.
 - **Eye/Skin Contact:** Flush with water; seek medical attention if irritation persists.
 - **Inhalation:** Move to fresh air.
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5. FIRE-FIGHTING MEASURES

- **Extinguishing Media:** CO₂, foam, dry chemical.
 - **Combustion Products:** Carbon monoxide, sulfur oxides.
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6. ACCIDENTAL RELEASE MEASURES

- **Environmental Precautions:** Use booms for water spills. Prevent soil/water contamination.
 - **Clean-up:** Absorb with inert material. Dispose per **EU Waste Directive 2008/98/EC**.
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7. HANDLING AND STORAGE

- **Static Accumulator:** Use grounded equipment.
- **Storage:** Keep away from oxidizers and heat sources.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- **DNELs (Workers):**
 - Oil Mist: 5 mg/m³ (8h TWA)
 - ZDDP: 0.1 mg/m³ (DNEL, inhalation)
 - **PPE:** Nitrile gloves, safety goggles, respirator (if mist forms).
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9. PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance:** Amber liquid
 - **Flash Point:** >177°C (ASTM D-92)
 - **Viscosity @ 40°C:** 68.3 cSt
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10. STABILITY AND REACTIVITY

- **Incompatible Materials:** Strong oxidizers.
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11. TOXICOLOGICAL INFORMATION

- **Acute Toxicity (Oral/Dermal):** LD50 >2000 mg/kg (non-toxic).
 - **Carcinogenicity:** Not classified (Base oil passes IP-346/Ames test).
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12. ECOLOGICAL INFORMATION

- **Aquatic Toxicity:** LC50 (Fish) >1000 mg/L (low toxicity).
 - **PBT/vPvB:** Not classified.
 - **Bioaccumulation:** Low potential (log Pow >3.5).
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13. DISPOSAL CONSIDERATIONS

- **EU Waste Code:** 13 02 08 (non-hazardous). Incinerate in approved facilities.
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14. TRANSPORT INFORMATION

- **ADR/RID/IMDG/IATA:** Not regulated.
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15. REGULATORY INFORMATION

- **REACH/CLP Compliance:** All components registered.
 - **SVHC Disclosure:** ZDDP (1.4%) cited on regulatory lists (Section 16).
 - **Endocrine Disruptors:** None identified under EU regulations.
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16. OTHER INFORMATION

- **Injection Injury Warning:** Immediate surgical evaluation required.
- **Revision Date:** [Insert Date]
- **Disclaimer:** Comply with local regulations in Africa/Middle East and EU REACH requirements.