

## SAFETY DATA SHEET (SDS)

**Product Name:** ACCEL Fusion V Motion SAE 5W-30

**Product Type:** Automotive Engine Oil

**Supplier:** OLA ENERGY

**Region:** Africa and Middle East

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### 1. PRODUCT AND COMPANY IDENTIFICATION

- **Product Identifier:** ACCEL Fusion V Motion SAE 5W-30
- **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:** CO<sub>2</sub>, 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/m<sup>3</sup> (8h TWA)
  - **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.

## 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.