

MATERIAL SAFETY DATA SHEET
DeoMAX Syn SAE 5W40
OLA ENERGY

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Deomax Syn SAE 5W40

Supplier: OLA ENERGY

Use: Commercial Engine Oil

Supplier Details:

Company: OLA ENERGY

Address: [Insert Company Address Here]

Telephone: [Insert Contact Number Here]

Emergency Phone Number: [Insert Emergency Number Here]

2. COMPOSITION/INFORMATION ON INGREDIENTS

Substances:

- **PHOSPHORODITHOIC ACID, O,O-DI C1-14-ALKYL ESTERS, ZINC SALTS (ZDDP)**
CAS No.: 68649-42-3
Concentration: 1.3% (w/w)
- **Severely refined base oils (mineral/synthetic)**
CAS No.: Not applicable (complex mixtures)
Concentration: Balance

REACH Compliance:

- All substances are registered under REACH (EC No. 1907/2006).
 - No Substances of Very High Concern (SVHC) above 0.1% are present.
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3. HAZARDS IDENTIFICATION

Classification (REACH/CLP):

- Not classified as hazardous under Regulation (EC) No 1272/2008.

Emergency Overview:

- Brown liquid. May cause mild eye/skin irritation upon prolonged exposure.

Health Effects:

- Non-toxic under normal use. Excessive exposure may lead to irritation.
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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits (REACH-Aligned):

- Oil mist (TLV): 5 mg/m³ (8-hour TWA, ACGIH).

PPE Recommendations:

- Use gloves and eye protection if splashing is likely.
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12. ECOLOGICAL INFORMATION

Environmental Fate (REACH Criteria):

- **Biodegradability:** Inherently biodegradable.
- **Bioaccumulation:** Low potential (log Pow >3.5).
- **Ecotoxicity:** LL50 >1000 mg/L (no adverse effects on aquatic life).

Precautionary Measures:

- Prevent entry into waterways. Use absorbents for spills.
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15. REGULATORY INFORMATION

REACH Compliance:

- Fully compliant with Regulation (EC) No 1907/2006.
- No SVHCs present above threshold limits.

Regional Compliance (Africa & Middle East):

- Meets GCC Standardization Organization (GSO) and African Regional Standards.

SARA 313 (USA):

- Contains Zinc compounds (0.13% elemental zinc) and ZDDP (1.3%).

16. OTHER INFORMATION

REACH-Specific Updates:

- This SDS complies with Annex II of REACH.
- Risk management measures are integrated into handling/storage instructions.

Disclaimer:

- This document is based on current REACH requirements. Users must ensure compliance with local regulations in Africa and the Middle East.
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Prepared by: OLA ENERGY

Date: [Insert Date]