



UPDATED SAFETY DATA SHEETS (SDS)
MARINEGARD SERIES
COMPLIANT WITH EU REACH & CLP REGULATIONS

1. PRODUCT AND COMPANY IDENTIFICATION

- **Product Name:** MARINEGARD [12/30/40/450 NC/525]
 - **Supplier:** OLA ENERGY
 - **Emergency Contact:** Refer to your local OLA ENERGY affiliate.
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2. COMPOSITION/INFORMATION ON INGREDIENTS

GHS Classification: Skin Irritant (Category 2), Eye Irritant (Category 2)

Substance Name	CAS Number	Concentration (Wt%)	GHS Hazard Class
Phosphorodithioic Acid, O,O-Di C1-14-Alkyl Esters, Zinc Salts (ZDDP)	68649-42-3	1-5%	Skin Irritant (H315), Eye Irritant (H319)

3. HAZARDS IDENTIFICATION

GHS Pictograms:

Signal Word: Warning

Hazard Statements:

- H315: Causes skin irritation.
- H319: Causes serious eye irritation.

Precautionary Statements:

- P264: Wash skin thoroughly after handling.
 - P280: Wear protective gloves/eye protection.
 - P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:

- Oil Mist (TLV): 5 mg/m³ (ACGIH)
 - Oil Mist (STEL): 10 mg/m³ (ACGIH)
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9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Brown liquid
Odor	Mild
Flash Point	228°C (442°F)
Boiling Point	>316°C (>600°F)
Solubility in Water	Negligible
Relative Density (15/4°C)	0.886

12. ECOLOGICAL INFORMATION

No additional ecological data provided. Refer to Section 2 for composition.

15. REGULATORY INFORMATION

- **EU Compliance:** Meets REACH (EC 1907/2006) and CLP (EC 1272/2008) requirements.
 - **Regional Applicability:** Valid for Africa and the Middle East.
 - **SARA 313:** Contains Zinc Dialkyl Dithiophosphate (1.3%).
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16. OTHER INFORMATION

Disclaimer: This SDS is region-specific and valid only for Africa and the Middle East. For updates, contact OLA ENERGY.