

Lubix EP Series - Safety Data Sheet (SDS)

1. Product and Company Identification

- **Product Name:** Lubix EP Series
 - **Supplier:** OLA Energy,
 - **Manufactured by:**
 - **Address:**
 - **Contact:**
 - **Intended Use:** Automotive Grease
 - **Emergency Contact:** CHEMTREC (if applicable)
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2. Composition/Information on Ingredients

Substance Name	CAS Number	Approx. Wt %
Phosphorodithioic Acid, O,O-Di C1-14-Alkyl Esters, Zinc Salts (ZDDP)	68649-42-3	1-5%
Hydroxyalkyl Long-Chain Alkenyl Imidazoline	27136-73-8	<1%
Alkylated Diphenyl Amines	68411-46-1	<1%

3. Hazard Identification

- **Emergency Overview:** Green grease, low hazard under normal conditions of use.
 - **Potential Health Effects:**
 - **Eye Contact:** May cause mild irritation.
 - **Skin Contact:** May cause irritation on prolonged exposure.
 - **Inhalation:** Not typically a hazard, though excessive mist may cause irritation.
 - **Ingestion:** Not expected to be harmful. Seek medical advice if discomfort occurs.
 - **Environmental Hazards:** Harmful to aquatic life with long-lasting effects.
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4. First Aid Measures

- **Eye Contact:** Flush with water. Seek medical attention if irritation persists.
- **Skin Contact:** Wash with soap and water. If injected into the skin, seek immediate medical attention.
- **Inhalation:** Move to fresh air. Seek medical help if symptoms persist.

- **Ingestion:** Seek medical advice; do not induce vomiting unless directed by medical personnel.
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5. Fire-Fighting Measures

- **Extinguishing Media:** Carbon dioxide, foam, dry chemical, water fog.
 - **Special Fire-Fighting Procedures:** Use water to cool containers. Prevent runoff.
 - **Protective Equipment:** Firefighters should use self-contained breathing apparatus.
 - **Combustion Products:** Smoke, carbon monoxide, sulfur oxides.
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6. Accidental Release Measures

- **Personal Precautions:** Use protective equipment as specified in Section 8.
 - **Environmental Precautions:** Prevent entry into sewers or waterways.
 - **Cleanup Methods:**
 - **Land Spill:** Contain spill and absorb with inert material.
 - **Water Spill:** Confine and remove; use dispersants only as authorized.
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7. Handling and Storage

- **Handling:** Avoid contact with eyes, skin, and clothing. Wash hands after handling.
 - **Storage:** Keep containers closed. Store away from oxidizing agents and open flame.
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8. Exposure Controls/Personal Protection

- **Occupational Exposure Limits:** None established.
 - **Ventilation:** Ensure good ventilation.
 - **Eye Protection:** Safety goggles if splashing is possible.
 - **Skin Protection:** Wear gloves.
 - **Respiratory Protection:** Not typically needed; if mist is present, use appropriate protection.
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9. Physical and Chemical Properties

- **Appearance:** Green grease
- **Color:** Brown

- **Odor:** Mild
 - **Flash Point:** >204°C (400°F) estimated
 - **Boiling Point:** >316°C (600°F)
 - **Density:** 0.9 at 15/4°C
 - **Solubility in Water:** Negligible
 - **Viscosity:** 150-420 cSt at 40°C
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10. Stability and Reactivity

- **Stability:** Stable under normal conditions.
 - **Conditions to Avoid:** Avoid extreme heat, open flames.
 - **Hazardous Decomposition Products:** May release fumes, carbon monoxide, and sulfur oxides on combustion.
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11. Toxicological Information

- **Acute Toxicity:** Low toxicity on ingestion, inhalation, and skin contact.
 - **Chronic Toxicity:** Prolonged exposure may cause mild irritation.
 - **Carcinogenicity:** Not classified as a carcinogen.
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12. Ecological Information

- **Ecotoxicity:** Harmful to aquatic organisms, may cause long-term effects.
 - **Persistence and Degradability:** Expected to degrade slowly.
 - **Bioaccumulation Potential:** Not established.
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13. Disposal Considerations

- **Waste Disposal:** Dispose of in accordance with local regulations.
 - **Container Disposal:** Empty containers may contain residues. Follow local regulations.
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14. Transport Information

- **DOT:** Not regulated
- **IATA/IMDG:** Not regulated

15. Regulatory Information

- **OSHA:** Not classified as hazardous under OSHA 29 CFR 1910.1200.
 - **EU Classification:** Harmful to aquatic life (R52/53).
 - **Inventory Status:** Complies with TSCA, EINECS/ELINCS, and AICS.
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16. Other Information

- **Intended Use:** Automotive grease for industrial and Automotive applications.
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