



**Product Name: OPTIMUS LX 460-EP-SYN**

## **1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY**

Company Identification: Lubrex FZC, P.O 42438, Hamriyah Free Zone, Sharjah  
United Arab Emirates, Phone: +971 6 526 1200 Email: info@lubrex.net

## **2. COMPOSITION / INFORMATION ON INGREDIENTS**

Ingredient name	CAS NUMBER	AMOUNT %
Base Oil	Mixture	80% - 95%
Performance Additives	Mixture	5% - 20%

The product is not considered to be hazardous and does not contain hazardous components at or above regulated limits.

## **3. HAZARDS IDENTIFICATION**

Main hazards: Not classified  
Adverse human health effects: Not classified.  
Environmental hazards: Not classified.

## **4. FIRST & MEASURES**

General Information: Remove contaminated clothing immediately, to be disposed of or washed before reuse.

**Inhalation:** If inhaled, provide fresh air, warmth, rest and medical advice if necessary.

**Skin Contact:** Clean areas of skin affected with soap and copious water. If necessary seek medical advice.

**Eye Contact:** In case of contact with eyes, rinse immediately with plenty of water until irritation subsides.

**Ingestion:** If exposed person feels like nauseating or vomiting seek medical help immediately.

## **5. FIRE FIGHTING MEASURES**

Extinguishing Media: To suit local surroundings (e.g. water spray, carbon dioxide foam, chemical powder).

Special Exposure: Hazard Decomposition products released in a fire should be considered as probably harmful if inhale (refer to Stability and Reactivity section). Protective Equipment: Wear self-contained breathing apparatus



## 6. ACCIDENTAL RELEASES MEASURES

Methods for Cleaning Up Take up with absorbent material, eg sawdust and dispose of as prescribed.

Do not allow to mix with water or discharge in drainage or stream.

## 7. HANDLING & STORAGE

Advice on Safe Handling: Wear PPE as per company policy and practice good hygiene and safety practice.

Avoid temperatures > 120°C

Advice on Protection against Fire & Explosion: N/A

Storage Conditions - Ensure adequate ventilation of storage area. Keep container tightly closed, cool and dry.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Controls:** Monitoring of the workplace should be considered in accordance with EH40 (or equivalent) Controls. LTEL (8-hour TWA): 5 mg/m<sup>3</sup> (EH40, 1998) STEL (15 min): 10 mg/m<sup>3</sup> (EH40, 1998) OES data for oil mist, mineral

. In addition, the Reciprocal Calculation Procedure (RCP) for hydrocarbons should be considered (EH40, 1998)

**Engineering Controls:** Ensure adequate ventilation of working area e.g. Local Exhaust Ventilation.

**Personal Protection:** Observe normal safety standards for handling chemicals. Avoid inhalation of vapour. Avoid contact with skin and eyes. Wear personal protective equipment appropriate for the task e.g. gloves, safety goggles, respirators (e.g. if ventilation is inadequate), appropriate overalls.

ISO9001:2015

## 9. PHYSICAL & CHEMICAL PROPERTIES

NLGI GRADE	00
COLOR	IVORY
TEXTURE	SMOOTH
PENETRATION mm@25°C	400-430

## 10. STABILITY & REACTIVITY



Stability: N/A

Thermal Decomposition: Not

determined Conditions to Avoid: N/A

Material to Avoid: N/A

Hazardous Reactions: The product does not undergo hazardous polymerization. Hazardous Decomposition products: Oxides of carbon, aldehydes, ketones, and of hydrogen sulphide plus combustion products of nitrogen and sulphur.

## 11. TOXICOLOGICAL INFORMATION

Acute Toxicity No acute toxicological data are available. LD 50 rat (oral): N/A

LD 50 rat (i.e.): N/A

Dermal Compatibility N/A

Mucous Membrane Compatibility: N/A

## 12. ECOLOGICAL INFORMATION

Eco toxicology Eco toxicological data are not available.

Further Ecological Information: N/A

Further Information. The product must not enter ground or waste water. If this occurs, inform the local authority at once.

## 13. DISPOSAL CONSIDERATIONS

Advice on Disposal: In accordance with national and local authority regulations, e.g. special waste or incineration after consultation with the operators.

## 14. TRANSPORT INFORMATION

	<b>ADR/RID</b>	<b>ADN</b>	<b>IMDG</b>	<b>IATA</b>
14.1 UN Number	Not regulated	Not regulated	Not regulated	Not regulated
14.2 UN Proper Shipping Name	-	-	-	-
14.3 Transport Hazard Class	-	-	-	-
14.4 Packing Group	-	-	-	-
14.5 Environmental Hazards	No	No	No	No
Additional Information	-	-	-	-



---

14.6 Special Precautions  
for User

Not available

---

## 15. REGULATORY INFORMATION

Classification & Labeling: Product is not classified in accordance with the Chemical (Hazard Information and Packaging for Supply Regulations (CHIP 97).

Risk Phrases: N/A

Safety Phrases: N/A

## 16. OTHER INFORMATION

Date of Issue: JAN 2025

Prepared by: LUBREX FZC

### Notice to Reader:

All reasonably practicable steps have been taken to ensure this data sheet and the health, safety and environmental information contained in it is accurate as of the date specified below. No warranty or representation, express or implied is made as to the accuracy or completeness of the data and information in this data sheet. The data and advice given apply when the product is sold for the stated application or applications. You should not use the product other than for the stated application or applications without seeking advice from Lubrex FZC. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The Lubrex FZC shall not be responsible for any damage or injury resulting from use, other than the stated product use of the material, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the material. Purchasers of the product for supply to a third party for use at work, have a duty to take all necessary steps to ensure that any person handling or using the product is provided with the information in this sheet. Employers have a duty to tell employees and others who may be affected of any hazards described in this sheet and of any precautions that should be taken. You can contact the Lubrex FZC to ensure that this document is the most current available. Alteration of this document is strictly prohibited.