



Product Name: OPTIMUS AX 100-SYN

1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY

Product Name: OPTIMUS AX 100-SYN

Company Identification: LUBREX FZC

2. COMPOSITION / INFORMATION ON INGREDIENTS

Composition: ALMINIUM COMPLEX GREASE

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

Composition (preparation) : Highly refined mineral base oils (POLYCYCLIC AROMATICS-content < 3% -IP 346), Soap thickener and performance additives.

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 > 160°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/m³ (EH40, 1998) STEL (15 min): 10 mg/m³ (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 eg 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 eg. gloves, safety goggles, respirators (eg. if ventilation is inadequate), appropriate overalls.
ISO9001:2015

9. PHYSICAL & CHEMICAL PROPERTIES

PARAMETERS	TEST METHOD	Value	
NLGI Grade	-	1	2
Thickener Type	-	Al-Complex Thickener	Al-Complex Thickener
Base Oil	-	Mineral	Mineral
Texture	Visual	Smooth	Smooth
Color	Visual	Ivory	Ivory
Work penetration @25°C	ASTM D217	310-340	265-295
Dropping Point °C	ASTM D566	250	250
Base Oil Viscosity @ 40 °C (cSt)	ASTM D445	100	100
Four ball Weld Load, kgf	ASTM D2596	250	250

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 polymerisation.

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.v.): 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, eg special waste or incineration after consultation with the operators.

14. TRANSPORT INFORMATION

Transportation Measures: Not determined

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: APRIL 2023