



According to REACH Regulation (EC) No 1907/2006, as retained and amended by SI 2019/758 and SI 2020/1577

# SAFETY DATA SHEET

## LanoPro Offshore Grease HD2 EAL

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Trade name: LanoPro Offshore Grease HD2 EAL

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

▼ Relevant identified uses of the substance or mixture: Lubricant, Industrial purposes, Lubricant Restricted to professional and industrial use.

Uses advised against : None known.

#### 1.3. Details of the supplier of the safety data sheet

Company and address: **LanoPro Production AS**

Smedveien 7  
1344 Haslum  
Norway  
+47 40 00 15 14  
www.lanopro.com

E-mail: mail@lanopro.com

Revision: 01/02/2026

SDS Version: 4.0

Date of previous version: 20/09/2023 (3.0)

#### 1.4. ▼ Emergency telephone number

Healthcare professionals: Dial 0344 892 0111 to reach The National Poisons Information Service (NPIS) (24 hour service)

General public:

England - Dial 111 to reach NHS 111 (24 hour service)

Scotland - Dial 111 to reach NHS 24 (24 hour service)

Wales - Dial 111 or 0845 4647 to reach NHS Direct (24 hour service)

See section 4 "First aid measures".

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Not classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

#### 2.2. Label elements

Hazard pictogram(s): Not applicable.

Signal word: Not applicable.

Hazard statement(s): Not applicable.

Precautionary statement(s):

▼ General: Not applicable.

▼ Prevention: Not applicable.

▼ Response: Not applicable.

▼ Storage: Not applicable.

▼ Disposal: Not applicable.

▼ Hazardous substances: Does not contain any substances required to report

Additional labelling: EUH210, Safety data sheet available on request.

#### 2.3. Other hazards



According to REACH Regulation (EC) No 1907/2006, as retained and amended by SI 2019/758 and SI 2020/1577

- ▼ Additional warnings: This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.  
This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2023/707.

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable. This product is a mixture.

#### 3.2. Mixtures

| Product/substance | Identifiers                                                         | % w/w   | Classification                         | Note |
|-------------------|---------------------------------------------------------------------|---------|----------------------------------------|------|
| Dilithium azelate | CAS No.: 38900-29-7<br>EC No.: 254-184-4<br>UK-REACH:<br>Index No.: | < 2,5 % | Acute Tox. 4, H302 (ATE: 300.00 mg/kg) |      |

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

#### ▼ Other information

-

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- General information: In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet.  
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist.  
Never give an unconscious person water or other drink.
- ▼ Inhalation: Upon breathing difficulties or irritation of the respiratory tract: bring the person into fresh air.
- Skin contact: Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.
- ▼ Eye contact: Rinse gently with lukewarm water. Remove any contact lenses if this is easy to do. Continue rinsing. In case of persistent eye irritation or discomfort: Seek medical help.
- ▼ Ingestion: Rinse mouth thoroughly. In case of continued discomfort or if large amounts have been swallowed: seek medical assistance and bring this safety data sheet.
- Burns: Not applicable.

#### 4.2. ▼ Most important symptoms and effects, both acute and delayed

Repeated or prolonged contact with the product may eliminate natural oils and cause dermatitis.  
Eye contact may cause irritation.  
Ingestion may cause nausea, vomiting and diarré.  
Inhalation of oil mist or vapours formed when the product is heated is irritating to the respiratory tract and causes coughing.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

#### Information to medics

Bring this safety data sheet or the label from this product.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.  
Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.



According to REACH Regulation (EC) No 1907/2006, as retained and amended by SI 2019/758 and SI 2020/1577

**5.2. ▼ Special hazards arising from the substance or mixture**

Non-flammable

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

Hazardous decomposition products in case of fire: Carbon oxides (CO, CO<sub>2</sub>).

**5.3. ▼ Advice for firefighters**

Do not enter fire area without proper personal protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

**6.1. ▼ Personal precautions, protective equipment and emergency procedures**

Ventilate area. Evacuate unnecessary personnel. Equip cleanup and emergency crew with proper protection. Contaminated areas may be slippery.

**6.2. Environmental precautions**

Avoid discharge to lakes, streams, sewers, etc.

Keep unauthorized persons away from the spill

**6.3. Methods and material for containment and cleaning up**

Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste.

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

**6.4. Reference to other sections**

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

## SECTION 7: Handling and storage

**7.1. ▼ Precautions for safe handling**

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Spillage causes slippery floors and tools. Keep away from sources of ignition.

Smoking, drinking and consumption of food are not allowed in the work area. Keep away from animal food stuff.

See section 8 "Exposure controls/personal protection" for information on personal protection (extremely slippery when spilled).

Keep away from animal food stuff.

**7.2. ▼ Conditions for safe storage, including any incompatibilities**

Recommended storage material: Keep only in original packaging.

▼ Storage conditions: Must be kept undented, undamaged, and tightly sealed.  
Keep away from heat, sparks and open flame.  
Protect from sunlight.  
Storage temperature: Dry, cool and well-ventilated < 45 °C (0-30 degrees)  
Shelf life:  
5 years

▼ Incompatible materials: Strong oxidizing agents

**7.3. ▼ Specific end use(s)**

This product should only be used for industrial use and according to the applications quoted in section 1.2.

! The warranty is valid only if guidelines and recommendations set forth by LanoPro Production AS have been carried out!

## SECTION 8: Exposure controls/personal protection

**8.1. Control parameters**



According to REACH Regulation (EC) No 1907/2006, as retained and amended by SI 2019/758 and SI 2020/1577

No substances are listed in the national list of substances with an occupational exposure limit.

#### DNEL

No data available.

#### PNEC

No data available.

#### 8.2. ▼ Exposure controls

Apply general control to prevent unnecessary exposure

General recommendations: Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios: There are no exposure scenarios implemented for this product.

Exposure limits: Occupational exposure limits have not been defined for the substances in this product.

Appropriate technical measures: Apply standard precautions during use of the product. Avoid inhalation of vapours.

▼ Hygiene measures: Wash hands after use.

Measures to avoid environmental exposure: No specific requirements.

#### Individual protection measures, such as personal protective equipment

Generally: Use only UKCA marked protective equipment.

##### ▼ Respiratory Equipment:

| Work situation                    | Type                              | Class   | Colour      | Standards |
|-----------------------------------|-----------------------------------|---------|-------------|-----------|
|                                   | No special when used as intended. |         |             |           |
| In case of inadequate ventilation | Combination filter A2P2           | Class 2 | Brown/White | EN14387   |



##### ▼ Skin protection:

| Recommended                               | Type/Category | Standards |
|-------------------------------------------|---------------|-----------|
| Dedicated work clothing - should be worn. | -             | -         |



##### ▼ Hand protection:

| Material | Glove thickness (mm) | Breakthrough time (min.) | Standards                 |
|----------|----------------------|--------------------------|---------------------------|
| Nitrile  | 0,38                 | > 480                    | EN374-2, EN16523-1, EN388 |



##### ▼ Eye protection:

| Type                                | Standards |
|-------------------------------------|-----------|
| No special when used as - intended. |           |

## SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state: Liquid

Colour: Beige, sand

▼ Odour / Odour threshold: No data available.



According to REACH Regulation (EC) No 1907/2006, as retained and amended by SI 2019/758 and SI 2020/1577

|                                 |                                  |
|---------------------------------|----------------------------------|
| ▼ pH:                           | No data available.               |
| ▼ Density (g/cm <sup>3</sup> ): | < 1000 kg/m <sup>3</sup> (25 °C) |
| Kinematic viscosity:            | 1000 mm <sup>2</sup> /s          |
| Particle characteristics:       | Does not apply to liquids.       |

#### Phase changes

|                                      |                            |
|--------------------------------------|----------------------------|
| ▼ Melting point/Freezing point (°C): | No data available.         |
| Softening point/range (°C):          | Does not apply to liquids. |
| ▼ Boiling point (°C):                | No data available.         |
| ▼ Vapour pressure:                   | No data available.         |
| ▼ Relative vapour density:           | No data available.         |
| ▼ Decomposition temperature (°C):    | No data available.         |

#### Data on fire and explosion hazards

|                                            |                    |
|--------------------------------------------|--------------------|
| Flash point (°C):                          | > 150 °C           |
| ▼ Flammability (°C):                       | No data available. |
| ▼ Auto-ignition temperature (°C):          | No data available. |
| ▼ Lower and upper explosion limit (% v/v): | No data available. |

#### Solubility

|                                         |                    |
|-----------------------------------------|--------------------|
| Solubility in water:                    | Insoluble          |
| ▼ n-octanol/water coefficient (LogKow): | No data available. |
| ▼ Solubility in fat (g/L):              | No data available. |

#### 9.2. Other information

|                                          |                    |
|------------------------------------------|--------------------|
| Evaporation rate (n-butylacetate = 100): | Not applicable     |
| ▼ Oxidizing properties:                  | No data available. |
| Other physical and chemical parameters:  | No data available. |

### SECTION 10: Stability and reactivity

- 10.1. ▼ Reactivity**  
Stable under normal conditions of use.
- 10.2. Chemical stability**  
The product is stable under the conditions, noted in section 7 "Handling and storage".
- 10.3. Possibility of hazardous reactions**  
None known.
- 10.4. ▼ Conditions to avoid**  
Heat  
Sources of ignition. Direct sunlight.
- 10.5. ▼ Incompatible materials**  
Strong oxidizing agents
- 10.6. ▼ Hazardous decomposition products**  
Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information



According to REACH Regulation (EC) No 1907/2006, as retained and amended by SI 2019/758 and SI 2020/1577

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 as retained and amended in UK law

##### ▼ Acute toxicity

|                    |                   |
|--------------------|-------------------|
| Product/substance  | Dilithium azelate |
| Species:           | Rat               |
| Route of exposure: | Oral              |
| Test:              | LD50              |
| Result:            | > 300 mg/kg       |

|                    |                   |
|--------------------|-------------------|
| Product/substance  | Dilithium azelate |
| Route of exposure: | Oral              |
| Test:              | LD50              |
| Result:            | > 2000 mg/kg      |

Based on available data for the mixture, the classification criteria are not met.

##### ▼ Skin corrosion/irritation

Based on available data for the mixture, the classification criteria are not met.

##### ▼ Serious eye damage/irritation

Based on available data for the mixture, the classification criteria are not met.

##### ▼ Respiratory sensitisation

Based on available data for the mixture, the classification criteria are not met.

##### ▼ Skin sensitisation

Based on available data for the mixture, the classification criteria are not met.

##### ▼ Germ cell mutagenicity

Based on available data for the mixture, the classification criteria are not met.

##### ▼ Carcinogenicity

Based on available data for the mixture, the classification criteria are not met.

##### ▼ Reproductive toxicity

Based on available data for the mixture, the classification criteria are not met.

##### ▼ STOT-single exposure

Based on available data for the mixture, the classification criteria are not met.

##### ▼ STOT-repeated exposure

Based on available data for the mixture, the classification criteria are not met.

##### ▼ Aspiration hazard

Due to the viscosity, this product does not present an aspiration hazard.

##### ▼ Symptoms related to the physical, chemical and toxicological characteristics

None known.

#### 11.2. Information on other hazards

##### ▼ Endocrine disrupting properties

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

##### Other information

None known.

## SECTION 12: Ecological information

#### 12.1. ▼ Toxicity

Based on available data for the mixture, the classification criteria are not met.  
Not considered to be harmful to aquatic life.

#### 12.2. ▼ Persistence and degradability

|                   |                                 |
|-------------------|---------------------------------|
| Product/substance | LanoPro Offshore Grease HD2 EAL |
| Conclusion:       | Readily biodegradable           |

#### 12.3. ▼ Bioaccumulative potential

|                   |                                 |
|-------------------|---------------------------------|
| Product/substance | LanoPro Offshore Grease HD2 EAL |
|-------------------|---------------------------------|



According to REACH Regulation (EC) No 1907/2006, as retained and amended by SI 2019/758 and SI 2020/1577

Conclusion: No potential for bioaccumulation

**12.4. Mobility in soil**

The product is insoluble in water.

**12.5. ▼ Results of PBT and vPvB assessment**

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

**12.6. ▼ Endocrine disrupting properties**

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

**12.7. Other adverse effects**

None known.

## SECTION 13: Disposal considerations

**▼ Waste treatment methods**

Product is covered by the regulations on hazardous waste. (\*)

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

The given LoW-code is a guiding, and the code depends on how the waste is formed. User must evaluate the choice of correct code.

**EWC code**

13 08 99\* Wastes not otherwise specified

**Specific labelling**

**Contaminated packing**

Packaging containing residues of the product must be disposed of similarly to the product.

## SECTION 14: Transport information

|             | 14.1<br>UN / ID | 14.2<br>UN proper shipping name | 14.3<br>Hazard class(es) | 14.4<br>PG* | 14.5<br>Env** | Other<br>information: |
|-------------|-----------------|---------------------------------|--------------------------|-------------|---------------|-----------------------|
| ADR/ADN/RID | -               | -                               | -                        | -           | -             | -                     |
| IMDG        | -               | -                               | -                        | -           | -             | -                     |
| IATA        | -               | -                               | -                        | -           | -             | -                     |

\* Packing group

\*\* Environmental hazards

**▼ Additional information**

Not dangerous goods according to ADR/ADN/RID, IATA and IMDG.

**14.6. Special precautions for user**

Not applicable.

**14.7. Maritime transport in bulk according to IMO instruments**

No data available.

## SECTION 15: Regulatory information

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

▼ Restrictions for application: Industrial use only.

Demands for specific education: No specific requirements.

Control of Major Accident: Not applicable.

Hazards (COMAH) -  
Categories / dangerous  
substances:

Additional information: Not applicable.



According to REACH Regulation (EC) No 1907/2006, as retained and amended by SI 2019/758 and SI 2020/1577

Sources: Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.  
Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.  
Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

#### 15.2. Chemical safety assessment

No

### SECTION 16: Other information

#### Full text of H-phrases as mentioned in section 3

H302, Harmful if swallowed.

#### ▼ Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway  
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road  
ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
CAS = Chemical Abstracts Service  
CE = Conformité Européenne (European conformity)  
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
CSA = Chemical Safety Assessment  
CSR = Chemical Safety Report  
DMEL = Derived Minimal Effect Level  
DNEL = Derived No Effect Level  
EINECS = European Inventory of Existing Commercial chemical Substances  
ES = Exposure Scenario  
EUH statement = CLP-specific Hazard statement  
EuPCS = European Product Categorisation System  
EWC = European Waste Catalogue  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
GWP = Global warming potential  
IARC = International Agency for Research on Cancer (IARC)  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
OECD = Organisation for Economic Co-operation and Development  
PBT = Persistent, Bioaccumulative and Toxic  
PNEC = Predicted No Effect Concentration  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
RRN = REACH Registration Number  
SCL = A specific concentration limit  
SVHC = Substances of Very High Concern  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
TWA = Time weighted average  
UN = United Nations  
UVBC = Unknown or variable composition, complex reaction products or of biological materials  
VOC = Volatile Organic Compound  
vPvB = Very Persistent and Very Bioaccumulative

#### ▼ Additional information

In accordance with UK-REACH, a safety data sheet is not required for this product. This safety data sheet has been created on a voluntary basis to distribute relevant information as required by UK-REACH.



According to REACH Regulation (EC) No 1907/2006, as retained and amended by SI 2019/758 and SI 2020/1577

---

**The safety data sheet is validated by**

Safety Data Sheet Consulting AS

**▼ Other**

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle. The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: GB-en