



# Safety Data Sheet

## LanoPro Multi Grease EP0 EAL

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878  
Issue date: 29/07/2016 Revision date: 04/10/2022 Supersedes version of: 28/09/2020 Version: 4.0

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : LanoPro Multi Grease EP0 EAL

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

##### Relevant identified uses

Main use category : Industrial use, Professional use  
Function or use category : Lubricating grease.

##### Uses advised against

No additional information available

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

LanoPro Production AS  
Smedveien 7  
1344 Haslum, Norway  
T +47 40 00 15 14 - F +47 21 54 73 43  
[hb@lanopro.com](mailto:hb@lanopro.com) - [www.lanopro.com](http://www.lanopro.com)

#### 1.4. Emergency telephone number

| Country        | Official advisory body                                | Address   | Emergency number                   | Comment                   |
|----------------|---|---|------------------------------------|---------------------------|
| United Kingdom | National Poisons Information Service (Newcastle Unit) | Claremont Place<br>Newcastle-upon-Tyne, Newcastle | +44 191 2606182<br>+44 191 2606180 | Hours of operation: 24hrs |

### SECTION 2: Hazards identification

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

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No labelling applicable

#### 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII  
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Comments : This product is an anhydrous calciumgrease based on biodegradable synthetic ester and vegetable oils with additives.

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH Annex II

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                                       |   |
|---------------------------------------|---|
| First-aid measures general            | : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). |
| First-aid measures after inhalation   | : Allow affected person to breathe fresh air. Allow the patient to rest.  |
| First-aid measures after skin contact | : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.                 |
| First-aid measures after eye contact  | : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.                         |
| First-aid measures after ingestion    | : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.  |

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

|                                     |   |
|-------------------------------------|---|
| Symptoms/effects after skin contact | : Repeated exposure may cause skin dryness or cracking. |
| Symptoms/effects after eye contact  | : Liquid splashes in the eye may cause irritation.      |
| Symptoms/effects after ingestion    | : Ingestion may cause nausea, vomiting and diarrhea.    |

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

Treat symptomatically. In all cases of doubt, or when symptoms persist, seek medical attention.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

|                                |   |
|--------------------------------|---|
| Suitable extinguishing media   | : Use extinguishing media appropriate for surrounding fire. Foam. Dry powder. Carbon dioxide. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.  |

#### 5.2. Special hazards arising from the substance or mixture

|  |                                |
|--|--------------------------------|
| Fire hazard                                      | : Non flammable.               |
| Explosion hazard                                 | : Product is not explosive.    |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. |

#### 5.3. Advice for firefighters

|                                |   |
|--------------------------------|---|
| Firefighting instructions      | : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment. |
| Protection during firefighting | : Do not enter fire area without proper personal protective equipment, including respiratory protection (EN137).  |

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

|                  |   |
|------------------|---|
| General measures | : Concerning personal protective equipment to use, see section 8. Spill area may be slippery. |
|------------------|---|

##### 6.1.1. For non-emergency personnel

|                      |                                   |
|----------------------|-----------------------------------|
| Emergency procedures | : Evacuate unnecessary personnel. |
|----------------------|-----------------------------------|

##### 6.1.2. For emergency responders

|                      |  |
|----------------------|--|
| Protective equipment | : Equip cleanup and emergency crew with proper protection. |
| Emergency procedures | : Ventilate area.  |

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

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

|                         |  |
|-------------------------|--|
| Methods for cleaning up | : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. |
|-------------------------|--|

#### 6.4. Reference to other sections

See Section 8. Exposure controls and personal protection. For further information refer to section 13.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

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.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in original container. Keep container closed when not in use. Store in a well-ventilated place. Keep cool.  
Incompatible materials : Sources of ignition. Direct sunlight.  
Storage temperature : < 45 °C

#### 7.3. Specific end use(s)

No additional data.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1 National occupational exposure and biological limit values

No additional information available

##### 8.1.2. Recommended monitoring procedures

No additional information available

##### 8.1.3. Air contaminants formed

No additional information available

##### 8.1.4. DNEL and PNEC

No additional information available

##### 8.1.5. Control banding

No additional information available

#### 8.2. Exposure controls

##### 8.2.1. Appropriate engineering controls

**Appropriate engineering controls:**  
Ensure good ventilation of the work station.

##### 8.2.2. Personal protection equipment

**Personal protective equipment:**  
Avoid all unnecessary exposure. Gloves.



##### 8.2.2.1. Eye and face protection

**Eye protection:**  
Not required

##### 8.2.2.2. Skin protection

**Skin and body protection:**  
Wear suitable protective clothing

##### Hand protection:

Wear suitable gloves resistant to chemical penetration. Nitrile rubber gloves. Layer thickness : >0,38 mm. Breakthrough time : 6 (> 480 minutes). STANDARD EN 374.

##### 8.2.2.3. Respiratory protection

**Respiratory protection:**  
Not required

##### 8.2.2.4. Thermal hazards

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No additional information available

### 8.2.3. Environmental exposure controls

#### Other information:

Do not eat, drink or smoke during use. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Personal protective equipment should be chosen according to the CEN standards and in discussion with the supplier of the protective equipment.

## SECTION 9: Physical and chemical properties

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

|   |                            |
|---|----------------------------|
| Physical state                                  | : Liquid                   |
| Colour  | : light brown.             |
| Appearance                                      | : Highly viscous material. |
| Odour   | : Not determined.          |
| Odour threshold                                 | : Not determined.          |
| Melting point                                   | : Not determined.          |
| Freezing point                                  | : Not determined.          |
| Boiling point                                   | : Not determined.          |
| Flammability                                    | : Non flammable.           |
| Explosive properties                            | : Not explosive.           |
| Oxidising properties                            | : Non flammable.           |
| Explosive limits                                | : Not relevant.            |
| Lower explosive limit (LEL)                     | : Not available            |
| Upper explosive limit (UEL)                     | : Not available            |
| Flash point                                     | : > 150 °C                 |
| Auto-ignition temperature                       | : Not determined.          |
| Decomposition temperature                       | : Not determined.          |
| pH  | : Not determined.          |
| Viscosity, kinematic                            | : Not determined.          |
| Viscosity, dynamic                              | : Not determined.          |
| Solubility                                      | : Not miscible with water. |
| Partition coefficient n-octanol/water (Log Kow) | : Not available            |
| Partition coefficient n-octanol/water (Log Pow) | : Not determined.          |
| Vapour pressure                                 | : Not determined.          |
| Vapour pressure at 50 °C                        | : Not available            |
| Density   | : < 1000 kg/m <sup>3</sup> |
| Relative density                                | : Not determined.          |
| Relative vapour density at 20 °C                | : Not determined.          |
| Particle size                                   | : Not applicable           |
| Particle size distribution                      | : Not applicable           |
| Particle shape                                  | : Not applicable           |
| Particle aspect ratio                           | : Not applicable           |
| Particle aggregation state                      | : Not applicable           |
| Particle agglomeration state                    | : Not applicable           |
| Particle specific surface area                  | : Not applicable           |
| Particle dustiness                              | : Not applicable           |

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

Relative evaporation rate (butylacetate=1) : Not determined.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Product is stable.

### 10.2. Chemical stability

Stable under normal conditions of use.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

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### 10.4. Conditions to avoid

Heat.

### 10.5. Incompatible materials

Oxidizing materials.

### 10.6. Hazardous decomposition products

Thermal decomposition may produce : fume. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

|                             |  |
|-----------------------------|--|
| Acute toxicity (oral)       | : Not classified   |
| Acute toxicity (dermal)     | : Not classified   |
| Acute toxicity (inhalation) | : Not classified   |
| Additional information      | : Based on available data, the classification criteria are not met |

| LanoPro Multi Grease EP0 EAL |            |
|------------------------------|------------|
| ATE CLP (oral)               | 2082 mg/kg |
| ATE CLP (dermal)             | 6781 mg/kg |

|                                   |  |
|-----------------------------------|--|
| Skin corrosion/irritation         | : Not classified<br>pH: Not determined.                            |
| Additional information            | : Based on available data, the classification criteria are not met |
| Serious eye damage/irritation     | : Not classified<br>pH: Not determined.                            |
| Additional information            | : Based on available data, the classification criteria are not met |
| Respiratory or skin sensitisation | : Not classified   |
| Additional information            | : Based on available data, the classification criteria are not met |
| Germ cell mutagenicity            | : Not classified   |
| Additional information            | : Based on available data, the classification criteria are not met |
| Carcinogenicity                   | : Not classified   |
| Additional information            | : Based on available data, the classification criteria are not met |
| Reproductive toxicity             | : Not classified   |
| Additional information            | : Based on available data, the classification criteria are not met |
| STOT-single exposure              | : Not classified   |
| Additional information            | : Based on available data, the classification criteria are not met |
| STOT-repeated exposure            | : Not classified   |
| Additional information            | : Based on available data, the classification criteria are not met |
| Aspiration hazard                 | : Not classified   |
| Additional information            | : Based on available data, the classification criteria are not met |

| LanoPro Multi Grease EP0 EAL |                 |
|------------------------------|-----------------|
| Viscosity, kinematic         | Not determined. |

### 11.2. Information on other hazards

#### 11.2.1. Endocrine disrupting properties

|  |  |
|--|--|
| Adverse health effects caused by endocrine disrupting properties | : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 % |
|--|--|

#### 11.2.2 Other information

|   |   |
|---|---|
| Potential adverse human health effects and symptoms | : For further information see section 4 |
|---|---|

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### SECTION 12: Ecological information

#### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

#### 12.2. Persistence and degradability

| LanoPro Multi Grease EP0 EAL  |                            |
|-------------------------------|----------------------------|
| Persistence and degradability | Not readily biodegradable. |

#### 12.3. Bioaccumulative potential

| LanoPro Multi Grease EP0 EAL                    |                                 |
|---|---------------------------------|
| Partition coefficient n-octanol/water (Log Pow) | Not determined.                 |
| Bioaccumulative potential                       | Not potentially bioaccumulable. |

#### 12.4. Mobility in soil

| LanoPro Multi Grease EP0 EAL |   |
|------------------------------|---|
| Ecology - soil               | The product is insoluble in water. Adsorbs into the soil. |

#### 12.5. Results of PBT and vPvB assessment

| LanoPro Multi Grease EP0 EAL   |  |
|--|--|
| This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII  |  |
| This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |  |

#### 12.6. Endocrine disrupting properties

No additional information available

#### 12.7. Other adverse effects

Other adverse effects : None to our knowledge.  
Additional information : Avoid release to the environment.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Regional legislation (waste) : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
Waste treatment methods : Recover the product with absorbent material.  
Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to a hazardous or special waste collection point.  
Additional information : 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.  
Ecology - waste materials : Avoid release to the environment.  
European List of Waste (LoW) code : 13 08 99\* - wastes not otherwise specified  
13 02 00 - waste engine, gear and lubricating oils

### SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID /

| ADR                                     | IMDG           | IATA           | ADN            | RID            |
|---|----------------|----------------|----------------|----------------|
| <b>14.1. UN number or ID number</b>     |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.2. UN proper shipping name</b>    |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.3. Transport hazard class(es)</b> |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |

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| 14.4. Packing group                    |                |                |                |                |
|--|----------------|----------------|----------------|----------------|
| Not applicable                         | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.5. Environmental hazards            |                |                |                |                |
| Not applicable                         | Not applicable | Not applicable | Not applicable | Not applicable |
| No supplementary information available |                |                |                |                |

### 14.6. Special precautions for user

#### Overland transport

Not applicable

#### Transport by sea

Not applicable

#### Air transport

Not applicable

#### Inland waterway transport

Not applicable

#### Rail transport

Not applicable

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

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

#### 15.1.2. National regulations

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

|                   |   |
|-------------------|---|
| Data sources      | : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. |
| Other information | : None.   |

The information in this safety data sheet is based on information from the manufacturer/supplier, present European and national legislation, and presupposes that the product is used within the specified area of application.