



## SAFETY DATA SHEET

### LanoPro Storage Oil 10 EAL (AEROSOL)

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

##### 1.1. Product identifier

Trade name: LanoPro Storage Oil 10 EAL (AEROSOL)

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

▼ Relevant identified uses of the substance or mixture: Lubricant, Corrosion protection  
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**

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

E-mail: mail@lanopro.com

Revision: 06/02/2026

SDS Version: 10.0

Date of previous version: 21/09/2023 (9.0)

##### 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

Classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

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

Aerosol 1; H222, H229, Extremely flammable aerosol. Pressurised container: May burst if heated.

##### 2.2. Label elements

Hazard pictogram(s):



Signal word: Danger

Hazard statement(s): Extremely flammable aerosol. Pressurised container: May burst if heated. (H222, H229)

Precautionary statement(s):

▼ *General:* Not applicable.

*Prevention:* Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210)

Do not spray on an open flame or other ignition source. (P211)

Do not pierce or burn, even after use. (P251)

▼ *Response:* Not applicable.



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

▼ *Storage:* Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F. (P410+P412)

▼ *Disposal:* Not applicable.

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

▼ Additional labelling:

### 2.3. Other hazards

▼ Additional warnings: In the event of leaks, high concentrations of gases can quickly form. They can be toxic, asphyxiating, or explosive.  
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
ethanol, ethyl alcohol	CAS No.: 64-17-5 EC No.: 200-578-6 UK-REACH: Index No.: 603-002-00-5	<20 %	Flam. Liq. 2, H225	

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

### Other information

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## 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: Rinse with water until pain stops then continue to rinse for 30 minutes.

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

Inhalation of vapours can irritate the respiratory system.

Eye contact may cause irritation.

Ingestion may cause nausea, vomiting and diarrhoea.

### 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.

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

Extremely flammable aerosol. Pressurised container. In a fire or if heated, a pressure increase will occur and the container may burst.

In use may form flammable/explosive vapour-air mixture.

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.

Hazchem Code: None

## 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.

Accidental releases always pose a serious risk of fire or explosion.

Storages not yet ignited must be cooled by water mist. Remove flammable materials if conditions allow it. Ensure sufficient ventilation.

Ensure adequate ventilation, especially in confined areas.

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. Do not spray on an open flame or other ignition source.

Do not pierce or burn, even after use.

Avoid contact during pregnancy and while nursing.

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

See section 8 "Exposure controls/personal protection" for information on personal protection.

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

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Must be stored in a cool and well-ventilated area, away from possible sources of ignition.

Pressurized gas packs (spray cans, aerosol cans) must be stored behind a wire mesh, which allows gases to escape and holds back packs flying around.



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

▼ Recommended storage material: Always store in containers of the same material as the original container.

▼ 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 acids 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

ethanol, ethyl alcohol Long term exposure limit (8 hours) (ppm): 1000 Long term exposure limit (8 hours) (mg/m³): 1920

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002. EH40/2005 Workplace exposure limits (Fourth Edition 2020).

DNEL

No data available.

PNEC

No data available.

8.2. ▼ Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

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: Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures: The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked. Apply standard precautions during use of the product. Avoid inhalation of vapours.

▼ Hygiene measures: In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

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:

Table with 5 columns: Work situation, Type, Class, Colour, Standards. Row 1: Respiratory protection is not needed in the event of adequate ventilation.



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

Work situation	Type	Class	Colour	Standards	
In case of inadequate ventilation	Combination filter AXP2		Brown/White	EN14387, EN143	
<b>▼ Skin protection:</b>					
Recommended	Type/Category			Standards	
Dedicated work clothing - should be worn.				-	
<b>▼ Hand protection:</b>					
Material	Glove thickness (mm)	Breakthrough time (min.)		Standards	
Nitrile	0,38	> 480		EN374-2, EN16523-1, EN388	
<b>▼ Eye protection:</b>					
Work situation	Type			Standards	
	No special when used as intended.			-	
When there is risk of splash- / intermittent exposure	Safety glasses			EN166	

## SECTION 9: Physical and chemical properties

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

Physical state:	Liquid
Colour:	Clear, Tan
Odour / Odour threshold:	Faint
▼ pH:	No data available.
Density (g/cm <sup>3</sup> ):	1.1 - 1.2
▼ Kinematic viscosity:	No data available.
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):	< 30 °C
Vapour pressure:	760 mmHg
▼ Relative vapour density:	No data available.
▼ Decomposition temperature (°C):	No data available.

### Data on fire and explosion hazards

▼ Flash point (°C):	No data available.
Flammability (°C):	The material is ignitable.



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

▼ 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

▼ Oxidizing properties: No data available.

Other physical and chemical parameters: % of flammable ingredients: 19.999

### 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

Sunlight

Extremes of temperature

Mechanical influences (e.g. Shock, pressure, impact, friction). Fire, sparks or other ignition sources.

#### 10.5. Incompatible materials

Strong acids

Oxidizing materials

#### 10.6. ▼ Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

#### 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	ethanol, ethyl alcohol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	7060 mg/kg

Product/substance	ethanol, ethyl alcohol
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	> 20000 mg/m <sup>3</sup>

Product/substance	ethanol, ethyl alcohol
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50 (4 hours)
Result:	124.7 mg/L

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



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

**Skin corrosion/irritation**

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

**Serious eye damage/irritation**

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

**Respiratory sensitisation**

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

**Skin sensitisation**

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

**Germ cell mutagenicity**

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

**Carcinogenicity**

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

**Reproductive toxicity**

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

**STOT-single exposure**

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

**STOT-repeated exposure**

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

**Aspiration hazard**

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

**▼ 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**

Product/substance	ethanol, ethyl alcohol
Species:	Fish, Pimephales promelas
Duration:	96 hours
Test:	LC50
Result:	13500 mg/L

Product/substance	ethanol, ethyl alcohol
Species:	Crustacean, Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	54000 mg/L

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

**12.2. ▼ Persistence and degradability**

Product/substance	LanoPro Storage Oil 10 EAL (AEROSOL)
Conclusion:	Readily biodegradable

Product/substance	ethanol, ethyl alcohol
Result:	85 %
Conclusion:	-
Test:	OECD 301 D



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

**12.3. ▼ Bioaccumulative potential**

Product/substance LanoPro Storage Oil 10 EAL (AEROSOL)  
 Conclusion: No potential for bioaccumulation

Product/substance ethanol, ethyl alcohol  
 BCF: 2.88  
 Conclusion: -

**12.4. ▼ Mobility in soil**

The product is very volatile and will quickly evaporate into air.

**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. (\*)

HP 3 - Flammable

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**



14 06 03\* Other solvents and solvent mixtures

**Specific labelling**

**▼ Contaminated packing**


▼ EWC code: 15 01 10\* Packaging containing residues of or contaminated by dangerous substances

**SECTION 14: Transport information**

14.1 ADR/ADN/RID	14.2 UN / ID UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
ADR/ADN/RID	UN1950 AEROSOLS	Transport hazard class: 2 Label: 2.1 Classification code: 5F 	-	No	Limited quantities: 1 L Tunnel restriction code: (D) See below for additional information.
IMDG	UN1950 AEROSOLS	Transport hazard class: 2 Label: 2.1 Classification code: 5F 	-	No	Limited quantities: 1 L EmS: F-D S-U See below for additional information.



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

14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
IATA	UN1950 AEROSOLS	Transport hazard class: 2 Label: 2.1 Classification code: 5F 	-	No	See below for additional information.

\* Packing group

\*\* Environmental hazards

**▼ Additional information**

This product is within scope of the regulations of transport of dangerous goods.

ADR/ADN/RID / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

Hazchem Code: None

**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.

People under the age of 18 shall not be exposed to this product.

Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

Demands for specific education:

No specific requirements.

Control of Major Accident Hazards (COMAH) - Categories / dangerous substances:

P3b - FLAMMABLE AEROSOLS, Qualifying quantity (lower-tier): 5.000 tonnes (net) / (upper-tier): 50.000 tonnes (net)

▼ UK-REACH, Annex XVII:

ethanol, ethyl alcohol is subject to UK-REACH restrictions (entry 40).

Additional information:

Not applicable.

Sources:

The Health and Safety at Work etc. Act 1974 Regulations 2013.

Control of Major Accident Hazards (COMAH) Regulations 2015.

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**



H225, Highly flammable liquid and vapour.

**▼ 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**

The classification of the mixture in regard to physical hazards has been based on experimental data.

**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