



# SAFETY DATA SHEET

## Lanopro 10-15 G

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

<b>Product name</b>	Lanopro 10-15 G
<b>In-house No.</b>	200 060 (1L), 200 061 (5L), 200 062 (20L), 200 063 (196L), 200 064 (1000L)
<b>Applications</b>	Lubricant / Corrosion inhibitor
<b>Supplier</b>	Lanopro Production AS Smedveien 7 1344 Haslum, Norway Tel: +47 40 00 15 14 Fax: +47 21 54 73 43 <a href="http://www.lanopro.no/">http://www.lanopro.no/</a>
<b>Contact person</b>	Henrik Breddam (E-mail <a href="mailto:hb@lanopro.com">hb@lanopro.com</a> )
<b>Emergency telephone number</b>	National Poisons Information Service (NPIS), phone 0844 892 0111. WEB: <a href="http://www.toxbase.org">http://www.toxbase.org</a>

### 2. HAZARDS IDENTIFICATION

Not regarded as a health, fire, explosion or environmental hazard under current legislation.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<b>Composition comments</b>	None of the components are subject to classification, or are present in quantities above regulatory disclosure limits.
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### 4. FIRST AID MEASURES

<b>General</b>	Remove victim immediately from source of exposure. General first aid, rest, warmth and fresh air.
<b>Inhalation</b>	Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Rinse nose, mouth and throat with water. Contact physician if larger quantity has been consumed.
<b>Skin</b>	Wash the skin immediately with soap and water. Contact physician if irritation continues.
<b>Eyes</b>	Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Make sure to remove any contact lenses from the eyes before rinsing. Get medical attention if any discomfort continues.

### 5. FIRE-FIGHTING MEASURES

<b>Extinguishing media</b>	Use extinguishing media appropriate for surrounding fire.
<b>Special fire fighting procedures</b>	Move container from fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. Avoid water in straight hose stream; will scatter and spread fire.
<b>Specific hazards</b>	Not flammable according to national regulations concerning flammable goods.
<b>Hazardous combustion products</b>	Fire or high temperatures create: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ).
<b>Protective measures in fire</b>	Firefighters exposed to combustion gases/decomposition products should use a respiratory protective device.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal protection</b>	Wear appropriate personal protective equipment - see Section 8.
<b>Environmental protection</b>	Dam up with absorbent materials, prevent release to sewer, sea or environment.
<b>Spill cleanup methods</b>	Absorb with inactive materials as vermiculite, sand, dolomite, diatomene etc. Deliver to approved reception facility. Collect and reclaim or dispose in sealed containers to licensed waste plant.

## 7. HANDLING AND STORAGE

<b>Usage precautions</b>	Avoid spilling, skin and eye contact. Provide good ventilation.
<b>Storage precautions</b>	Keep in cool, dry, ventilated storage and closed containers.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Ingredient comments</b>	No exposure limits noted for ingredient(s).
<b>Process conditions</b>	Provide eyewash station.
<b>Ventilation</b>	No particular ventilation requirements.
<b>Respirators</b>	Not required with adequate ventilation.
<b>Protective gloves</b>	Protective gloves must be used if there is a risk of direct contact or splash. Use protective gloves made of: Nitrile. Neoprene. Break-through-time > 8 hour.
<b>Eye protection</b>	Wear approved safety goggles.
<b>Other Protection</b>	Protective clothing as needed.
<b>Hygienic work practices</b>	Wash at the end of each work shift and before eating, smoking and using the toilet.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Fluid.		
<b>Colour</b>	Light brown.		
<b>Odour</b>	None.		
<b>Solubility description</b>	Insoluble in water. Soluble in: Organic solvents (most).		
<b>Melting/freezing point (°C, interval)</b>	+80 / -30		
<b>Density (g/cm<sup>3</sup>)</b>	0,92	<b>Temperature (°C)</b>	20
<b>Viscosity (interval)</b>	42,28 cSt	<b>Temperature (°C)</b>	40
<b>Flash point (°C)</b>	288	<b>Method</b>	

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal temperature conditions and recommended use.
<b>Conditions to avoid</b>	No known hazardous reaction products.
<b>Hazardous polymerisation</b>	Will not polymerise.
<b>Materials to avoid</b>	Strong oxides.
<b>Hazardous decomp. products</b>	No hazardous decomposition products are emitted at recommended use.

## 11. TOXICOLOGICAL INFORMATION

<b>Sensitization</b>	No allergic reaction is known.
<b>Genotoxicity</b>	No known heritable or mutagenic effects.
<b>Carcinogenicity</b>	This substance has no evidence of carcinogenic properties.

<b>Reproduction toxicity</b>	No known reproductive effects.
<b>Inhalation</b>	Vapour may irritate respiratory system or lungs.
<b>Ingestion</b>	Nausea, vomiting.
<b>Skin</b>	No specific health warnings noted.
<b>Eyes</b>	May cause temporary eye irritation.
<b>Route of entry</b>	Skin and/or eye contact.

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## 12. ECOLOGICAL INFORMATION

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<b>Ecotoxicity</b>	Not classified as dangerous to the environment.
<b>Mobility</b>	The product is insoluble in water and will spread on the water surface.
<b>Bioaccumulative potential</b>	The product is not bioaccumulating.
<b>Persistence and degradability</b>	The chemical is readily biodegradable.

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## 13. DISPOSAL CONSIDERATIONS

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<b>General/cleaning</b>	Product is not hazardous waste.
<b>Disposal methods</b>	Confirm disposal procedures with environmental engineer and local regulations. Equipment and facilities to be cleaned using mild detergent.

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## 14. TRANSPORT INFORMATION

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<b>General</b>	No dangerous goods (ADR/RID, IMDG, IATA/ICAO)
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## 15. REGULATORY INFORMATION

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<b>EU directives</b>	67/548/EEC, 1999/45/EC, 2001/58/EC, 2008/58/EC (REACH), 1272/2008/EC (30ATP).
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## 16. OTHER INFORMATION

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### \* Information revised since the previous version of the SDS

<b>Revision comments</b>	Revision 2008-01-24, no 1: supersedes SDS of 2006-11-18. Small changes in chapter 4, 6, 7, 8 and 15. Revision 2009-10-07, no 2: supersedes SDS of 2008-01-24. Prepared in REACH-format and in compliance with ATP30. Changed name from Lanopro Storage Oil to Lanopro 10-15 G. No change of product classification. Revision 2009-10-09, no 3: supersedes SDS of 2009-10-07. No change of product classification.
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<b>Rev. no./repl. SDS generated</b>	2009-10-07
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<b>Signature</b>	R. E. Lunde
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