



SAFETY DATA SHEET

Lanopro Lube Paste 51-70 G

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

Product name	Lanopro Lube Paste 51-70 G
In-house No.	200 231 (400gr), 200 229 (5KG), 200 230 (18KG)
Applications	Lubricant / Corrosive treatment
Supplier	Lanopro Production AS Smedveien 7 1344 Haslum, Norway Tel: +47 40 00 15 14 Fax: +47 21 54 73 43 http://www.lanopro.no/
Contact person	Henrik Breddam (E-mail hb@lanopro.com)
Emergency telephone number	National Poisons Information Service (NPIS), phone 0844 892 0111. WEB: http://www.toxbase.org

2. HAZARDS IDENTIFICATION

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Section 16 contains detailed classification phrases.

Composition comments	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

General	Remove victim immediately from source of exposure. General first aid, rest, warmth and fresh air.
Inhalation	Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.
Ingestion	Do not induce vomiting. Rinse nose, mouth and throat with water. Contact physician if larger quantity has been consumed.
Skin	Wash the skin immediately with soap and water. Contact physician if irritation continues.
Eyes	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

Extinguishing media	Use extinguishing media appropriate for surrounding fire.
Special fire fighting procedures	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.
Specific hazards	Not flammable according to national regulations concerning flammable goods.

Hazardous combustion products	Fire or high temperatures create: Carbon monoxide (CO). Carbon dioxide (CO ₂).
Protective measures in fire	Firefighters exposed to combustion gases/decomposition products should use a respiratory protective device.

6. ACCIDENTAL RELEASE MEASURES

Personal protection	Wear appropriate personal protective equipment - see Section 8.
Environmental protection	Contain spillages with sand, earth or any suitable adsorbent material. Prevent liquid entering sewers, basements and work pits.
Spill cleanup methods	Absorb in vermiculite, dry sand or earth and place into containers. Collect and reclaim or dispose in sealed containers in licensed waste.

7. HANDLING AND STORAGE

Usage precautions	Avoid spilling, skin and eye contact. Provide good ventilation.
Storage precautions	Keep in cool, dry, ventilated storage and closed containers. Store at temperature between 0 and 40°C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient comments	No exposure limits noted for ingredient(s).
Process conditions	Provide eyewash station.
Ventilation	No particular ventilation requirements.
Respirators	Respiratory protection not required.
Protective gloves	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 hours.
Eye protection	Wear approved safety goggles.
Other Protection	Protective clothing as needed.
Hygienic work practices	Wash at the end of each work shift and before eating, smoking and using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Solid. Paste
Colour	Yellowish. Clear.
Odour	Mild (or faint).
Physical data comments	Pour Point: 241 °C
Solubility description	Insoluble in water. Soluble in: Organic solvents (most).
Melting/freezing point (°C, interval)	-10 / +80
Density (g/cm³)	~0,97 (IPPM-CS/03) Temperature (°C)
Viscosity (interval)	137 mm ² /s (40 °C, ISO 120058) 11 mm ² /s (100 °C, ISO 120058) - 57 (Viscosity Index ASTM D2270) Temperature (°C)

10. STABILITY AND REACTIVITY

Stability	Stable under normal temperature conditions and recommended use.
Conditions to avoid	No known hazardous reaction products.

Hazardous polymerisation	Will not polymerise.
Materials to avoid	Strong oxides.
Hazardous decomp. products	No specific hazardous decomposition products noted.

11. TOXICOLOGICAL INFORMATION

Sensitization	No allergic reaction is known.
Genotoxicity	No known heritable or mutagenic effects.
Carcinogenicity	This substance has no evidence of carcinogenic properties.
Reproduction toxicity	No known hazardous effects on reproduction, fertility or to the unborn child.
Inhalation	Gas or vapour in high concentrations may irritate respiratory system.
Ingestion	Nausea, vomiting.
Skin	No specific health warnings noted.
Eyes	May cause mild irritation.
Route of entry	Skin and/or eye contact.

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

General/cleaning	Product is not hazardous waste.
Disposal methods	Confirm disposal procedures with environmental engineer and local regulations. Equipment and facilities to be cleaned using mild detergent.
Waste class	12 01 12* spent waxes and fats The given EWC-code is a guiding, and the code depends on how the waste is formed. User must evaluate the choice of correct code.

14. TRANSPORT INFORMATION

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

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

* Information revised since the previous version of the SDS

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