



# SAFETY DATA SHEET

## Lanopro Clean 84-00 G

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

<b>Product name</b>	Lanopro Clean 84-00 G
<b>In-house No.</b>	200 116 (5L), 200 117 (20L)
<b>Applications</b>	Degreaser.
<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>	112 / 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

#### Ingredients

Name	EC No.	CAS No.	Content	Symbol	Classification
orange terpentine		68647-72-3	60-100 %	-	

Section 16 contains detailed classification phrases.

<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>	Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Rinse nose, mouth and throat with water. Drink a few glasses of water or milk. 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>	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.
<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. Keep away from heat, sparks and open flame. Do not store in sunlight.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Ingredient comments</b>	No exposure limits noted for ingredient(s).
<b>Protective equipment</b>	



<b>Process conditions</b>	Provide eyewash station.
<b>Ventilation</b>	No particular ventilation requirements.
<b>Respirators</b>	Not required with adequate ventilation. In case of inadequate ventilation or risk of inhalation of oil mist, suitable respiratory equipment with combination filter (type A2/P3) can be used.
<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. Time of breakthrough is not known, change gloves regularly.
<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>	Mild Lemon.
<b>Solubility description</b>	Partly miscible in water.

<b>Boiling point (°C, interval)</b>	180 - 239	<b>Pressure</b>	
<b>Melting/freezing point (°C, interval)</b>	-5		
<b>Density (g/cm<sup>3</sup>)</b>	0,8	<b>Temperature (°C)</b>	20
<b>Vapour density (air=1)</b>	4,5		
<b>pH-value, conc. solution</b>	7,0 - 7,5		
<b>Flash point (°C)</b>	67	<b>Method</b>	
<b>Auto ignition temp. (°C)</b>	180		
<b>Flammability limit (%)</b>	0,6 - 6,5		

## 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>Toxic dose - LD 50:</b>	17500 mg/kg (oral rat)
<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>	No specific health warnings noted.
<b>Ingestion</b>	Nausea, vomiting. The product causes irritation of mucous membranes and may cause abdominal discomfort if swallowed. Aspiration into lungs may cause pulmonary oedema and chemical pneumonitis.
<b>Skin</b>	Prolonged or repeated contact may lead to defatting and irritation of the skin and may give dermatitis.
<b>Eyes</b>	Splashes may irritate and cause redness.
<b>Route of entry</b>	Skin and/or eye contact.

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	Not classified as dangerous to the environment.
<b>Mobility</b>	The product is partly miscible with water and may spread in the aquatic environment.
<b>Bioaccumulative potential</b>	The product is not bioaccumulating.
<b>Persistence and degradability</b>	The product is potentially degradable.

## 13. DISPOSAL CONSIDERATIONS

<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.
<b>Waste class</b>	07 06 99 wastes not otherwise specified 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)

## 15. REGULATORY INFORMATION

**Contains** orange terpentine

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

## 16. OTHER INFORMATION

### Explanations to R-phrases in section 3

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

**Revision comments** Revision 2011.05.19 no. 1: supersedes safety data sheet of 2010.02.11. Changed section 1, 16. Changed name from "Lanopro Clean 84-00 G" to "Lanopro Industrial Cleaner 84-00 G". No change in composition or classification.

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**Signature** R. E. Lunde

**Disclaimer** The information in this data sheet is considered to be correct according to present knowledge and experience, but there is no guarantee that it is complete. It is therefore in the user's interest to ensure that the information is sufficient for the area it is intended for.