



SAFETY DATA SHEET

Lanopro Cut Oil 22-10-A

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

Product name	Lanopro Cut Oil 22-10-A
Applications	Cooling/cutting fluids for metal working.
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	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	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

5. FIRE-FIGHTING MEASURES

Extinguishing media	Powder, foam or CO ₂ . Do not use water jet as an extinguisher, as this will spread the 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	Dam up with absorbent materials, prevent release to sewer, sea or environment.
Spill cleanup methods	Absorb with inactive materials as vermikulite, 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

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 og 40°C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient comments	No exposure limits noted for ingredient(s).
Ventilation	No particular ventilation requirements.
Respirators	Not required with adequate ventilation.
Protective gloves	Protective gloves must be used if there is a risk of direct contact or splash. Use protective gloves made of: Nitrile. Viton ® rubber (fluor rubber). 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	Fluid. Oily.		
Colour	Yellowish. Red.		
Odour	Vegetable oil related		
Solubility description	Insoluble in water.		
Density (g/cm3)	0,88	Temperature (°C)	20
Viscosity (interval)	~10 cSt	Temperature (°C)	
Flash point (°C)	~200	Method	

10. STABILITY AND REACTIVITY

Stability	Stable under normal temperature conditions and recommended use.
Conditions to avoid	Avoid strong heating. Avoid temperatures above 100°C.
Hazardous polymerisation	Will not polymerise.
Materials to avoid	Strong oxides. Strong acids.
Hazardous decomp. products	No hazardous decomposition products are emitted at recommended use.

11. TOXICOLOGICAL INFORMATION

Toxic dose - LD 50:	>2000 (OECD 401) mg/kg (oral rat)
Toxic dose - LD 50 (skin):	>2000 (OEACD 402) mg/kg (skin rabbit)
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 reproductive effects.
Inhalation	No specific health warnings noted.
Ingestion	Ingestion of great quantities may cause discomfort.
Skin	No specific health warnings noted.
Eyes	No specific health warnings noted.
Route of entry	Skin and/or eye contact.

12. ECOLOGICAL INFORMATION

LC 50, 96 Hrs, Fish mg/l:	>1000 (OECD 201)
EC 50, 48 Hrs, Daphnia, mg/l:	>100 (OECD 203)
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. > 60% CO ₂ , 28 days; modified Sturm Test (OECD 301B).

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	13 02 07* readily biodegradable engine, gear and lubricating oils 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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