



SAFETY DATA SHEET

Lanopro OG Grease 156-05

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

Product name	Lanopro OG Grease 156-05
In-house No.	200 283 (400 gr), 200 284 (18 kg), 200285 (180 kg)
Applications	Lubricating grease
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	112 / 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

Ingredients

Name	EC No.	CAS No.	Content	Symbol	Classification
naphthenic acids, zinc salts	234-409-2	12001-85-3	<2,5 %	Xi ,N	R-36/38, R-51/53

Section 16 contains detailed classification phrases.

Composition comments	Note L: The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346. This product is a mineralbased Lithium/Calcium-complex grease with additives.
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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.
Ingestion	Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. To hospital if strong cough or vomiting occurs, or if larger quantity has been consumed.
Skin	Wash the skin immediately with soap and water.
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	Containers close to fire should be removed immediately or cooled with water.
Specific hazards	Non-flammable.
Hazardous combustion products	Irritating gases/vapours/fumes.
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. In case of spills, beware of slippery floors and surfaces. Avoid inhalation of vapours and aerosol spray.
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 in containers and seal securely. See section 13.

7. HANDLING AND STORAGE

Usage precautions	Spillage causes slippery floors and tools. Avoid spilling, skin and eye contact. Avoid inhalation of vapours.
Storage precautions	Keep in cool, dry, ventilated storage and closed containers. Keep in original container. Store at temperature below 50°C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient name	CAS no.	Reference	LT Exp 8 Hrs	ST Exp 15 Min	Date
Oil mist (mineraloil particles)		WEL.	1 mg/m ³		

Ingredient comments	No exposure limits noted for ingredient(s).
Process conditions	Provide eyewash station.
Ventilation	No particular ventilation requirements.
Respirators	No specific recommendations.
Protective gloves	For prolonged or repeated skin contact use suitable protective gloves. Use protective gloves made of: Nitrile. Neoprene. Time of breakthrough is not known, change gloves regularly.
Eye protection	Under normal conditions of use eye protection is not required.
Other Protection	Wear appropriate clothing to prevent any possibility of skin contact.
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	Grease.	
Colour	Brown to yellow.	
Solubility description	Insoluble in water.	
Density (g/cm³)	< 1000	Temperature (°C)
Flash point (°C)	> 150	Method

10. STABILITY AND REACTIVITY

Stability	Stable under normal temperature conditions and recommended use.
Conditions to avoid	No known hazardous reaction products. Avoid excessive heat, flames and other sources of ignition.

Hazardous polymerisation	Will not polymerise.
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	Exposure to high concentrations of oil mist may irritate respiratory system.
Ingestion	May cause discomfort if swallowed.
Skin	Prolonged or repeated contact may cause irritation.
Eyes	Spray and vapour in the eyes may cause irritation and smarting.
Route of entry	Skin and/or eye contact. Inhalation.
COMPONENT:	naphthenic acids, zinc salts
Toxic dose - LD50:	2000 mg/kg (oral rat)
Toxic dose - LD50 (skin):	2000 mg/kg (skin rabbit)

12. ECOLOGICAL INFORMATION

Ecotoxicity	The product contains a substance which is toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment. The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. German Water Hazard Class, WGK 1 (Slightly hazardous to water)
Mobility	The product is insoluble in water and will spread on the water surface. The product floats on water and if it comes into soil, it will be absorbed on earth particles and become immobile.
Bioaccumulative potential	Unknown.
Persistence and degradability	The product is not easily biologically degradable.
Other adverse effects	Results of PBT and vPvB assessment: No data available.
COMPONENT:	naphthenic acids, zinc salts
Persistence and degradability	BOD: 50 % (28 d)

13. DISPOSAL CONSIDERATIONS

General/cleaning	Product is not hazardous waste.
Disposal methods	Dispose of in accordance with Local Authority requirements.
Waste class	13 08 99* wastes not otherwise specified
Contaminated packaging	The product packaging must be disposed of in compliance with the country specific regulations.

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

Explanations to R-phrases in section 3

R-36/38 Irritating to eyes and skin.

R-51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

*** Information revised since the previous version of the SDS****Compiled by**

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Safety Data Sheet status

30 ATP.

Signature

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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.