



SAFETY DATA SHEET

Lanopro Universal Grease 54

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

Product name	Lanopro Universal Grease 54
In-house No.	200 221 (18 kg), 200 222 (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	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

Name	EC No.	CAS No.	Content	Symbol	R-phrases
naphthenic acids, bismuth salts	288-470-5	85736-59-0	1-5 %	-	R-52/53

See section 16 for explanations to R-phrases

Composition comments	This product is a lithium complex grease based on biodegradable esters 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 Dyke to prevent entering any sewer or waterway.

Spill cleanup methods Absorb in vermiculite, dry sand or earth and place into containers. Collect in containers and seal securely. Waste treated in accordance with section 13

7. HANDLING AND STORAGE

Usage precautions Wear appropriate personal protective equipment - see Section 8. Spillage causes slippery floors and tools. Avoid inhalation of vapours/aerosoles.

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

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 Eye protection normally 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

Colour	Brown.		
Solubility description	Insoluble in water.		
Density (g/cm³)	< 1000	Temperature (°C)	25
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.

Hazardous decomp. products No hazardous decomposition products are emitted at recommended use.

11. TOXICOLOGICAL INFORMATION

Inhalation No specific health warnings noted.

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.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Not regarded as dangerous to the environment. This does not, however, rule out the possibility that large or frequent smaller emissions of the product may be harmful to the environment.
Mobility	The product is insoluble in water and will spread on the water surface.
Bioaccumulative potential	Unknown.
Persistence and degradability	The product is biodegradable.

13. DISPOSAL CONSIDERATIONS

General/cleaning	Not hazardous waste.
Disposal methods	Dispose of in accordance with Local Authority requirements.
Contaminated packaging	The product packaging must be disposed of in the same manner as the contents.

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-52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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*** Information revised since the previous version of the SDS**

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