



# SAFETY DATA SHEET

## Lanopro Sliding Oil 23-68

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

Product name	Lanopro Sliding Oil 23-68
In-house No.	200 215 (20 l), 200 216 (196 l)
Applications	Metal Working Oil.
Supplier	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>
Contact person	Henrik Breddam (E-mail <a href="mailto:hb@lanopro.com">hb@lanopro.com</a> )
Emergency telephone number	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

Composition comments	Composition (preparation) based on vegetable oils.
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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	No recommendation given.
Ingestion	Do not induce vomiting. Drink a few glasses of water or milk.
Skin	Remove contaminated clothing. Wash skin 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 CO2. 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. Avoid contact with skin.
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<b>Environmental protection</b>	Dyke to prevent entering any sewer or waterway.
<b>Spill cleanup methods</b>	Absorb in vermiculite, dry sand or earth and place into containers. Collect in containers and seal securely. Waste treated in accordance with section 13

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## 7. HANDLING AND STORAGE

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<b>Usage precautions</b>	Wear appropriate personal protective equipment - see Section 8. Avoid skin contact.
<b>Storage precautions</b>	Keep in cool, dry, ventilated storage and closed containers. Keep in original container. Storage under 40°C.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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<b>Process conditions</b>	Provide eyewash station.
<b>Ventilation</b>	Well ventilated area.
<b>Respirators</b>	Not required with adequate ventilation.
<b>Protective gloves</b>	For prolonged or repeated skin contact use suitable protective gloves. Use protective gloves made of: Nitrile. Viton rubber (fluor rubber). Time of breakthrough is not known, change gloves regularly.
<b>Eye protection</b>	Goggles/face shield are recommended.
<b>Other Protection</b>	Wear appropriate clothing to prevent any possibility of skin contact.
<b>Hygienic work practices</b>	Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance</b>	Fluid.		
<b>Colour</b>	Yellow.		
<b>Odour</b>	Characteristic.		
<b>Physical data comments</b>	Pour point: 0 °C		
<b>Solubility description</b>	Insoluble in water.		
<b>Density (g/cm<sup>3</sup>)</b>	0,92	<b>Temperature (°C)</b>	20
<b>Viscosity (interval)</b>	148/65 cSt	<b>Temperature (°C)</b>	20/40
<b>Flash point (°C)</b>	228	<b>Method</b>	

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## 10. STABILITY AND REACTIVITY

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<b>Stability</b>	Stable under normal temperature conditions and recommended use.
<b>Conditions to avoid</b>	Avoid temperatures above 100°C.
<b>Materials to avoid</b>	Strong oxidising agents.
<b>Hazardous decomp. products</b>	No hazardous decomposition products are emitted at recommended use.

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## 11. TOXICOLOGICAL INFORMATION

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<b>Toxic dose - LD 50:</b>	> 2000 mg/kg (oral rat)
<b>Inhalation</b>	No specific health warnings noted.
<b>Ingestion</b>	No specific health warnings noted.
<b>Skin</b>	No specific health warnings noted.
<b>Eyes</b>	No specific health warnings noted.
<b>Route of entry</b>	Skin and/or eye contact. Inhalation.

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## 12. ECOLOGICAL INFORMATION

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<b>Ecotoxicity</b>	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.
<b>Mobility</b>	The product is insoluble in water and will spread on the water surface.
<b>Bioaccumulative potential</b>	Unknown.
<b>Persistence and degradability</b>	The product is easily biodegradable. >60% (28 days). OECD 301B.

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## 13. DISPOSAL CONSIDERATIONS

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<b>General/cleaning</b>	Hazardous waste.
<b>Disposal methods</b>	Dispose of in accordance with Local Authority requirements.
<b>Waste class</b>	13 01 12* readily biodegradable hydraulic 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.
<b>Contaminated packaging</b>	The product packaging must be disposed of in the same manner as the contents.

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## 14. TRANSPORT INFORMATION

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

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

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

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