



SAFETY DATA SHEET

Lanopro Coating 10-30 AFD

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

Product name	Lanopro Coating 10-30 AFD
Applications	Lubricant / Corrosion inhibitor
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

HEALTH RISK: Irritating to skin. Repeated exposure may cause skin dryness or cracking.
Not regarded as a fire hazard or an environmental hazard under current legislation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	EC No.	CAS No.	Content	Symbol	Classification
Naphtha (petroleum), hydrotreated heavy	265-150-3	64742-48-9	1-10 %	Xn	R-65, R-66
Strontium carboxylate	219-536-3	2457-02-5	20-50 %	Xi	R-38

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	Remove victim immediately from source of exposure. General first aid, rest, warmth and fresh air.
Inhalation	Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.
Ingestion	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	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

Extinguishing media	Extinguish with foam, carbon dioxide, dry powder or water fog. Dry chemicals, sand, dolomite etc.
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). Oxides of: Strontium.
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. See section 13.

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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient comments	WEL = Workplace exposure limits. SK= Skin absorbance, Rep= Reproduction, Carc= Carcinogenic Senz= Sensitisers, Mut= Carcinogenic
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Protective equipment



Process conditions	Provide eyewash station.
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. Neoprene. Break-through-time > 8 hour.
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.		
Colour	Straw.		
Odour	Kerosene.		
Solubility description	Insoluble in water.		
Density (g/cm³)	1,08	Temperature (°C)	20

Viscosity (interval)	>7 cSt	Temperature (°C)	40
Flash point (°C)	>100	Method	

10. STABILITY AND REACTIVITY

Stability	Stable under normal temperature conditions and recommended use.
Conditions to avoid	No known hazardous reaction products.
Hazardous polymerisation	Will not polymerise.
Materials to avoid	Strong oxides.
Hazardous decomp. products	No hazardous decomposition products are emitted at recommended use.

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 reproductive effects.
Inhalation	Vapours may irritate respiratory system.
Ingestion	Aspiration into lungs may cause pulmonary oedema and chemical pneumonia. Nausea, vomiting.
Skin	Irritating to skin. Repeated exposure may cause skin dryness or cracking.
Eyes	May cause mild irritation.
Route of entry	Skin and/or eye contact.
Medical considerations	Avoid vomiting and normal rinse of stomach because of risk of aspiration.

12. ECOLOGICAL INFORMATION

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.
Other adverse effects	Results of PBT and vPvB assessment: No data available.

13. DISPOSAL CONSIDERATIONS

General/cleaning	Product is not hazardous waste.
Disposal methods	Confirm disposal procedures with environmental engineer and local regulations.

14. TRANSPORT INFORMATION

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

Symbol(s)



Contains	Naphtha (petroleum), hydrotreated heavy Strontium carboxylate
Risk phrases	R-38 Irritating to skin. R-66 Repeated exposure may cause skin dryness or cracking.
Safety phrases	S-36/37 Wear suitable protective clothing and gloves.
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	R-38 Irritating to skin. R-65 Harmful: may cause lung damage if swallowed. R-66 Repeated exposure may cause skin dryness or cracking.
* Information revised since the previous version of the SDS	
Revision comments	Revision 21.07.2011 no. 1: supersedes safety data sheet of 21.10.2009. Changed composition and classification from R66 to Xi, R38, R66.
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