

Safety Data Sheet

LanoPro Heavy Duty Wipes

Replaces date: 13/06/2022

Revision date: 17/10/2024

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name: LanoPro Heavy Duty Wipes

UFI: 9CQK-7FGS-692Y-1DK7

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended uses: Cleaning product

1.3. Details of the supplier of the safety data sheet

Supplier

Company: LanoPro Production AS
Smedveien 7

Address: 1344 Haslum

Country: NORWAY

E-mail: mail@lanopro.com

Phone: +47 40 00 15 14

Fax:

Homepage: www.lanopro.no

1.4. Emergency Telephone Number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification: Eye Irrit. 2;H319

Most serious harmful effects: Causes serious eye irritation.

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2.2. Label elements

Pictograms



Signal word: Warning

Hazard Statements

H319 Causes serious eye irritation.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P280 Wear protective eye protection/face protection.

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+313 If eye irritation persists: Get medical advice/attention.

P501 Empty and clean containers are sorted as plastic packaging.

P501 Used wipe and foil laminate are sorted as residual waste.

Supplemental information

Contains a biocidal product: Preservative

2.3. Other hazards

Endocrine disrupting properties: None known.
The product does not contain any PBT or vPvB substances.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	CAS No./ EC No./ REACH Reg. No.	Concentration	Notes	CLP-classification
Alcohols, C9-11, ethoxylated	68439-46-3 614-482-0	< 2 %		Acute Tox. 4;H302 Eye Dam. 1;H318 LD50 (Acute toxicity - oral): > 2000 mg/kg bw
C12 - C14 ALCOHOL ETHOXYLATE	68439-50-9	< 1 %		Acute Tox. 4;H302 Eye Dam. 1;H318 Aquatic Chronic 3;H412 LD50 (Acute toxicity - oral): 555.56 mg/kg bw
Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl) (<3% DEA)	68155-07-7 931-329-6 01-2119490100-53	< 0.5 %		Skin Irrit. 2;H315 Eye Dam. 1;H318 Aquatic Chronic 2;H411 LD50 (Acute toxicity - oral): > 5000 mg/kg bw
2,2'-iminodiethanol	111-42-2 203-868-0 01-2119488930-28	< 0.02 %		Acute Tox. 4;H302 Skin Irrit. 2;H315 Eye Dam. 1;H318 Repr. 2;H361fd STOT RE 2;H373

Please see section 16 for the full text of H- / EUH-phrases.

Ingredient comments: Pursuant to Regulation (EC) No. 648/2004 on detergents:
Contains: less than 5%: non-ionic surfactants
Perfume Limonene
Preservative: 2-phenoxyethanol

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SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:	Seek fresh air. Seek medical advice in case of persistent discomfort.
Ingestion:	Seek medical advice in case of discomfort.
Skin contact:	In case of irritation: Wash skin with soap and water. Seek medical advice in case of persistent discomfort.
Eye contact:	Rinse gently with lukewarm water for several minutes. Seek medical advice if symptoms persist.
General:	In case of concern, or if symptoms persist, call a doctor/physician.

4.2. Most important symptoms and effects, both acute and delayed

Causes serious eye irritation.
The product contains perfume with small amounts of allergen. Risk of allergic reactions can not be excluded.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:	Choose extinguishing agents based on the surrounding fire.
Unsuitable extinguishing media:	Among common extinguishing agents are none that are directly unsuitable.

5.2. Special hazards arising from the substance or mixture

Avoid that water used for extinguishing fire reaches drains.

5.3. Advice for firefighters

In case of fire use a respirator mask. Protective measures should be taken regarding other material at the site of the fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Wear suitable protective equipment. Provide good ventilation.

6.2. Environmental precautions

Avoid unnecessary release to the environment.

6.3. Methods and material for containment and cleaning up

Wipe up minor spills with a cloth. Rinse with water.

6.4. Reference to other sections

See section 8 for type of protective equipment. See section 13 for instructions on disposal.

SECTION 7: Handling and storage

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7.1. Precautions for safe handling

Avoid contact with skin and eyes. Do not eat, drink or smoke during work. Wash hands before breaks, before using restroom facilities, and at the end of work.

7.2. Conditions for safe storage, including any incompatibilities

Store frost-free. Keep in tightly closed original packaging. Store safely and keep out of reach of children.

7.3. Specific end use(s)

No special uses in addition to identified uses in 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit: Contains no substances subject to reporting requirements.

Legal basis: Commission Directive 2000/39/EC (Occupational Exposure Limits) as subsequently amended. Last amended by Commission Directive 2019/1831/EU. Directive 2004/37/EC (Exposure to carcinogens or mutagens at work) as subsequently amended. Last amended by Directive 2024/869/EU. Directive 2009/148/EC (Exposure to asbestos at work) as subsequently amended. Last amended by Directive 2023/2668/EU.

PNEC

2-phenoxyethanol, cas-no 122-99-6				
Exposure	Value	Assessment Factor	Extrapolation Method	Note
PNEC aqua (freshwater)	0,943 mg/l			
PNEC aqua (intermittent releases)	3,44 mg/l			
PNEC aqua (marine water)	0,0943 mg/l			
PNEC STP (wastewater-treatment facilities)	24,8 mg/l			
PNEC sediment (freshwater)	7,237 mg/kg dw			
PNEC sediment (marine water)	0,7237 mg/kg dw			
PNEC soil	1,26 mg/kg dw			
Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl) (<3% DEA), cas-no 68155-07-7				
Exposure	Value	Assessment Factor	Extrapolation Method	Note
PNEC aqua (freshwater)	0,007 mg/l			
PNEC aqua (marine water)	0,0007 mg/l			

DNEL - workers

2-phenoxyethanol, cas-no 122-99-6					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Dermal DNEL (long-term exposure - systemic effects)	20,83 mg/kg bw/day				
Inhalation DNEL (long-term exposure - systemic effects)	5,7 mg/m ³				
Inhalation DNEL (long-term exposure - local effects)	5,7 mg/m ³				

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Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl) (<3% DEA), cas-no 68155-07-7					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Dermal DMEL (long-term exposure - systemic effects)	4,16 mg/kg bw/day				
Inhalation DNEL (long-term exposure - systemic effects)	0,0734 g/m ³				

DNEL - general population

2-phenoxyethanol, cas-no 122-99-6					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Inhalation DNEL (long-term exposure - systemic effects)	2,41 mg/m ³				
Inhalation DNEL (long-term exposure - local effects)	2,41 mg/m ³				
Dermal DNEL (long-term exposure - systemic effects)	10,42 mg/kg bw/day				
Oral DNEL (long-term exposure - systemic effects)	9,23 ng/kg bw/day				
Oral DNEL (acute/short-term exposure - systemic effects)	9,23 mg/kg bw/day				

Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl) (<3% DEA), cas-no 68155-07-7					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Inhalation DMEL (long-term exposure - systemic effects)	0,02173 g/m ³				
Dermal DMEL (long-term exposure - systemic effects)	2,5 mg/kg bw/day				
Oral DNEL (long-term exposure - systemic effects)	6,25 mg/kg bw/day				

8.2. Exposure controls

Personal protective equipment, eye/face protection: Wear safety goggles if there is a risk of eye splash.

Personal protective equipment, skin protection: Not required.

Personal protective equipment, hand protection: Protective gloves are normally not needed due to the properties of this product, but may be necessary for other reasons, e.g. mechanical risks, temperature conditions or microbiological risks.

Personal protective equipment, respiratory protection: Not required.

Environmental exposure controls: Ensure compliance with local regulations for emissions.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Parameter	Value/unit
State	Wet wipes
Colour	Colourless Transparent
Odour	Citrus
Solubility	Soluble in water.

Parameter	Value/unit	Remarks
Odour threshold	No data	
Melting point	No data	
Freezing point	0 °C	
Initial boiling point and boiling range	~ 100 °C	
Flammability (solid, gas)		Aqueous solution
Flammability limits		Not relevant
Explosion limits	vol%	Not relevant
Flash Point	°C	Not relevant
Auto-ignition temperature	°C	Not relevant
Decomposition temperature:	No data	
pH (solution for use)	4 - 5	
pH (concentrate)	No data	
Kinematic viscosity	No data	
Viscosity	No data	
Partition coefficient n-octanol/water	No data	
Vapour pressure	No data	
Density	No data	
Relative density	No data	
Relative vapour density	No data	
Relative density (sat. air)	No data	
Particle characteristics		Not relevant

9.2. Other information

Parameter	Value/unit	Remarks
Water reactivity		Not applicable.
Explosive properties		Not applicable.
Oxidising properties		Not applicable.

Other Information: None.

SECTION 10: Stability and reactivity

10.1. Reactivity

The product contains no substances which can lead to hazardous reactions at normal use.

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

None known.

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10.4. Conditions to avoid

Do not expose to heat or direct sunlight. Avoid frost.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

None, if stored at the recommended storage conditions.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - oral

Alcohols, C9-11, ethoxylated, cas-no 68439-46-3

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 2000 mg/kg bw			

2-phenoxyethanol, cas-no 122-99-6

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		1850 mg/kg bw		OECD 401	
	ATE		1394 mg/kg bw			

C12 - C14 ALCOHOL ETHOXYLATE, cas-no 68439-50-9

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
	LD50		555.56 mg/kg bw			

Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl) (<3% DEA), cas-no 68155-07-7

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 5000 mg/kg bw		OECD 401	

Based on existing data, the classification criteria are deemed not to have been met.

Acute toxicity - dermal

2-phenoxyethanol, cas-no 122-99-6

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit	LD50		> 5000 mg/kg bw			

Based on existing data, the classification criteria are deemed not to have been met.

Acute toxicity - inhalation

2-phenoxyethanol, cas-no 122-99-6

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LC50 (vapour)	4 h	> 1000 mg/l		OECD 412	

Based on existing data, the classification criteria are deemed not to have been met.

Skin corrosion/irritation

Alcohols, C9-11, ethoxylated, cas-no 68439-46-3

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
				Non-irritating		

Based on existing data, the classification criteria are deemed not to have been met.

Serious eye damage/eye irritation

Alcohols, C9-11, ethoxylated, cas-no 68439-46-3

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
				Slightly irritating.		

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Causes serious eye irritation.

Respiratory sensitisation or skin sensitisation

Alcohols, C9-11, ethoxylated, cas-no 68439-46-3

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Guinea pig				Non-sensitising	OECD 406	

Based on existing data, the classification criteria are deemed not to have been met. The product contains perfume with small amounts of allergen. Risk of allergic reactions can not be excluded.

Germ cell mutagenicity: Based on existing data, the classification criteria are deemed not to have been met.

Carcinogenic properties: Based on existing data, the classification criteria are deemed not to have been met.

Reproductive toxicity: Based on existing data, the classification criteria are deemed not to have been met.

Single STOT exposure: Based on existing data, the classification criteria are deemed not to have been met.

Repeated STOT exposure: Based on existing data, the classification criteria are deemed not to have been met.

Aspiration hazard: The product does not have to be classified.

11.2. Information on other hazards

Endocrine disrupting properties: None known.

Other toxicological effects: None known.

SECTION 12: Ecological information

12.1. Toxicity

Alcohols, C9-11, ethoxylated, cas-no 68439-46-3

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Fish	Oncorhynchus mykiss	96 h	96hLC50	1 - 10 mg/l		OECD 203	
Algae	Skeletonema costatum	72 h	72hEC50	1 - 10 mg/l			
Crustacea	Daphnia magna	48 h	48hEC50	1 - 10 mg/l			

2-phenoxyethanol, cas-no 122-99-6

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Fish	Pimephales promelas	96 h	96hLC50	344 mg/l			
Crustacea	Daphnia magna	48 h	48hEC50	> 500 mg/l		OECD 202	
Algae	Desmodesmus subspicatus	72 h	72hErC50	> 500 mg/l		DIN 38412	
Bacteria	Pseudomonas putida	17 h	EC50	883.3 mg/l		DIN 38412 Part 8	
Bacteria	Name of species not specified - activated sludge	30 min	EC50	> 1000 mg/l		OECD 209	
Fish	Pimephales promelas	24 d	NOEC	23 mg/l		OECD 210	

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Crustacea	Daphnia magna	21 d	21dNOEC	9.43 mg/l		OECD 211	
	Name of species not specified - activated sludge	15 d		90 - 100 %	Readily biodegradable.	OECD 301 A	
			Log Pow	1.2		OECD 117	

Prevent release on land, in air and water.

Based on existing data, the classification criteria are deemed not to have been met.

12.2. Persistence and degradability

Alcohols, C9-11, ethoxylated, cas-no 68439-46-3

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
					Readily biodegradable.	OECD 301 D	

2-phenoxyethanol, cas-no 122-99-6

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
	Name of species not specified - activated sludge	28 d		90 %	Readily biodegradable.	OECD 301 F	

C12 - C14 ALCOHOL ETHOXYLATE, cas-no 68439-50-9

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
		28 d		> 80 %	Readily biodegradable.		

The product(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

12.3. Bioaccumulative potential

Alcohols, C9-11, ethoxylated, cas-no 68439-46-3

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
			Log Pow	2.4			

2-phenoxyethanol, cas-no 122-99-6

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
			BCF	0.3			

Test data are not available for all substances.

12.4. Mobility in soil

Test data are not available.

12.5. Results of PBT and vPvB assessment

C12 - C14 ALCOHOL ETHOXYLATE, cas-no 68439-50-9

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
					The substance is assessed not to be PBT or vPvB.		

The product does not contain any PBT or vPvB substances.

12.6. Endocrine disrupting properties

None known

12.7. Other adverse effects

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None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

If this product as supplied becomes a waste, it meets the criteria of a hazardous waste (Dir. 2008/98/EU). Collect spills and waste in closed, leak-proof containers for disposal at the local hazardous waste site. Empty, cleansed packaging should be disposed of for recycling. Avoid unnecessary release to the environment.

EWC code: Depends on line of business and use, for instance

Category of waste: 20 01 29* Detergents containing hazardous substances

If the product should be mixed with other waste this code might be incorrect. Another EWC code should be appointed.

SECTION 14: Transport information

14.1. UN number or ID number: Not applicable.

14.4. Packing group: Not applicable.

14.2. UN proper shipping name: Not applicable.

14.5. Environmental hazards: Not applicable.

14.3. Transport hazard class(es): Not applicable.

14.6. Special precautions for user

None.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Special Provisions: Regulation (EC) of the European Parliament and of the Council on detergents.

15.2. Chemical Safety Assessment

Other Information: Chemical safety assessment has not been performed.

SECTION 16: Other information

Abbreviations:
DNEL: Derived No Effect Level
PNEC: Predicted No Effect Concentration
PBT: Persistent, Bioaccumulative and Toxic
vPvB: Very Persistent and Very Bioaccumulative
STOT: Specific Target Organ Toxicity

References to literature and data sources: Safety Data Sheets and other information from suppliers.
ECHA reg. sub.: ECHA database for information on registered substances.

Other Information: This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with 1907/2006/EC (REACH) as subsequently changed.

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Classification method: Calculation based on the hazards of the known components.

Hazard statements

H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H361fd	Suspected of damaging fertility. Suspected of damaging the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Quality assurance of SDS: This Safety Data Sheet is based on known data at the date of revision.

SDS is prepared by

Company:	Artis Global AS
Country:	Norway

Country: EU