

# Safety Data Sheet

## LanoPro Heavy Duty Wipes

Revision date: 18/1/2021

### SECTION 1: Identification of the substance/preparation and of the company/undertaking

#### 1.1. Product identifier

**Trade name:** LanoPro Heavy Duty Wipes

#### 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  
**Address:** Smedveien 7  
1344 Haslum  
**Country:** NORWAY  
**E-mail:** mail@lanopro.com  
**Phone:** +47 40 00 15 14  
**Fax:** -  
**Homepage:** www.lanopro.com

#### 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.

#### 2.2. Label elements

##### Pictograms



**Signal word:** Warning

##### H-phrases

H319 Causes serious eye irritation.

##### P-phrases

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

P102 Keep out of reach of children.

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.

#### 2.3. Other hazards

UFI: 88NS-NF9C-QD35-6660

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### 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
Amides, C8-18 (even numbered) and C18-unsatd., N,N-bis(hydroxyethyl)	68155-07-7	931-329-6	01-2119490100-53	< 1%		Skin Irrit. 2;H315 Eye Dam. 1;H318 Aquatic Chronic 2;H411
2-phenoxyethanol	122-99-6	204-589-7	01-2119488943-21	< 1%		Acute Tox. 4;H302 Eye Irrit. 2;H319
Sodium benzoate	532-32-1	208-534-8		< 1%		Eye Irrit. 2;H319
C12 - C14 ALCOHOL ETHOXYLATE	68439-50-9			< 1%		Acute Tox. 4;H302 Eye Dam. 1;H318 Aquatic Acute 1;H400

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

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

### 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

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

Treat symptoms.

### SECTION 5: Fire-fighting 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.

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### 5.3. Advice for fire-fighters

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

### 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 2019/983/EU.

### PNEC

Amides, C8-18 (even numbered) and C18-unsatd., N,N-bis(hydroxyethyl), 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			
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			

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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			
Sodium benzoate, cas-no 532-32-1				
Exposure	Value	Assessment Factor	Extrapolation Method	Note
PNEC aqua (freshwater)	0,13 mg/l			
PNEC sediment (freshwater)	1,76 mg/kg dw			
PNEC aqua (marine water)	0,013 mg/l			
PNEC sediment (marine water)	0,176 mg/kg dw			
PNEC aqua (intermittent releases)	305 µg/l			
PNEC soil	0,276 mg/kg dw			
PNEC STP (wastewater-treatment facilities)	10 mg/l			
PNEC oral (foodstuffs)	300 mg/kg food			

### DNEL - workers

Amides, C8-18 (even numbered) and C18-unsatd., N,N-bis(hydroxyethyl), 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/m³				
2-phenoxyethanol, cas-no 122-99-6					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Inhalation DNEL (long-term exposure - systemic effects)	8,07 mg/m³				
Inhalation DNEL (long-term exposure - local effects)	8,07 mg/m³				
Dermal DNEL (long-term exposure - systemic effects)	20,83 mg/kg bw/day				
Sodium benzoate, cas-no 532-32-1					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Dermal DNEL (long-term exposure - systemic effects)	62,5 mg/kg bw/day				
Inhalation DNEL (long-term exposure - local effects)	0,1 mg/m³				
Inhalation DNEL (long-term exposure - systemic effects)	3 mg/m³				

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### DNEL - general population

Amides, C8-18 (even numbered) and C18-unsatd., N,N-bis(hydroxyethyl), 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 <sup>3</sup>				
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				
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 <sup>3</sup>				
Inhalation DNEL (long-term exposure - local effects)	2,41 mg/m <sup>3</sup>				
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				
Sodium benzoate, cas-no 532-32-1					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Inhalation DNEL (long-term exposure - local effects)	0,06 mg/m <sup>3</sup>				
Inhalation DNEL (long-term exposure - systemic effects)	1,5 mg/m <sup>3</sup>				
Dermal DNEL (long-term exposure - local effects)	31,25 mg/kg bw/day				
Oral DNEL (long-term exposure - systemic effects)	16,6 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:** Not required.

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respiratory protection:

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

### 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	No data
Explosive properties	Not applicable.
Oxidising properties	Not applicable.

Parameter	Value/unit	Remarks
pH (solution for use)	4 - 5	
pH (concentrate)	No data	
Melting point	No data	
Freezing point	0 °C	
Initial boiling point and boiling range	No data	
Flash Point	No data	
Evaporation rate	No data	
Flammability (solid, gas)	No data	
Flammability limits	No data	
Explosion limits	No data	
Vapour pressure	No data	
Vapour density	No data	
Relative density	No data	
Partition coefficient n-octanol/water	No data	
Auto-ignition temperature	No data	
Decomposition temperature	No data	
Viscosity	No data	
Odour threshold	No data	

#### 9.2 Other information

### 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.

#### 10.4. Conditions to avoid

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

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### 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 toxicological effects

#### Acute toxicity - oral

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

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		300 - 2000mg/kg bw			

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

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

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

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

##### Sodium benzoate, cas-no 532-32-1

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

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

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

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

#### Acute toxicity - dermal

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

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

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

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

##### Sodium benzoate, cas-no 532-32-1

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit	LD50		> 2000mg/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 (dust/mist)	6 h	> 1mg/l		OECD 412	

##### Sodium benzoate, cas-no 532-32-1

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LC50 (dust/mist)	4 h	> 12.2mg/l			

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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		

#### Sodium benzoate, cas-no 532-32-1

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit				Non-irritating	OECD 404	

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
				Causes serious eye damage		

Causes serious eye irritation

### Respiratory sensitisation or skin sensitisation:

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

### 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.

### Other toxicological effects

#### Sodium benzoate, cas-no 532-32-1

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit				Irritating	OECD 405	

Test data are not available. The product does not have to be classified.

## 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
Bacteria	Daphnia magna	48 h	48hEC50	> 5.3mg/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	344mg/l			
Crustacea	Daphnia magna	48 h	48hEC50	> 500mg/l		OECD 202	
Algae	Desmodesmus subspicatus	72 h	72hErC50	> 500mg/l		DIN 38412	



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Bacteria	<i>Pseudomonas putida</i>	17 h	EC50	883.3mg/l		DIN 38 412 Part 8	
Bacteria	Name of species not specified - activated sludge	30 min	EC50	> 1000mg/l		OECD 209	
Fish	<i>Pimephales promelas</i>	24 d	NOEC	23mg/l		OECD 210	
Crustacea	<i>Daphnia magna</i>	21 d	21dNOEC	9.43mg/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	

### Sodium benzoate, cas-no 532-32-1

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Fish		96 h	96hLC50	484mg/l			
Crustacea		96 h	96hEC50	> 100mg/l			
Bacteria		168 h	7dEC50	> 100mg/l			
Algae			72hEC10	6.5mg/l			
Algae		72 h	72hEC50	> 30.5mg/l			

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

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Bacteria	<i>Daphnia magna</i>	48 h	48hEC50	1 - 10mg/l			
Fish		96 h	96hLC50	1 - 10mg/l			

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

### 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	

### Sodium benzoate, cas-no 532-32-1

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
					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	3.11 - 4.19			

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

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

### Sodium benzoate, cas-no 532-32-1

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Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
			Log Kow	1.88			

Test data are not available.

### 12.4. Mobility in soil

Test data are not available.

### 12.5. Results of PBT and vPvB assessment

No assessment has been made.

### 12.6. Other adverse effects

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-No.:** Not applicable.

**14.2. UN proper shipping name:** Not applicable.

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

**14.4. Packing group:** Not applicable.

**14.5. Environmental hazards:** Not applicable.

### 14.6. Special precautions for user

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable.

## SECTION 15: Regulatory information

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

### 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

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### 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.

### Date:

11/8/2018

### Classification method:

Calculation based on the hazards of the known components.

### List of relevant H-statements

H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H411	Toxic 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: LanoPro Production AS  
Country: NORWAY

### Document language:

EU