

# Safety Data Sheet

## LanoPro De-Wipes

Replaces date: 16/03/2023

Revision date: 31/10/2024

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

#### 1.1. Product identifier

Trade name: LanoPro De-Wipes

UFI: MSX1-KFC0-C72X-SXUC

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

Recommended uses: Disinfection agent  
Wet wipe with disinfectant effect.

Area of use:

PT 2: Disinfectants and algaecides not intended for direct application to humans or animals

Any other use is prohibited unless specifically authorized.

#### 1.3. Details of the supplier of the safety data sheet

##### Supplier

Company: Artis Global AS

Sørliveien 8

Address:

1473 Lørenskog

Country:

NORWAY

E-mail:

post@raservice.no

Phone:

+47 979 02 222

Fax:

Homepage:

www.raservice.no

#### 1.4. Emergency Telephone Number

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

CLP-classification: Aquatic Chronic 3;H412

Most serious harmful effects: Harmful to aquatic life with long lasting effects.

#### 2.2. Label elements

##### Hazard Statements

H412 Harmful to aquatic life with long lasting effects.

##### Precautionary statements

P102 Keep out of reach of children.

P273 Avoid release to the environment.

P501 Dispose of contents and their containers to an approved waste disposal company.

P501 Empty and clean containers are sorted as plastic packaging.

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

##### Supplemental information

Disinfectant

Contains: Benzalkonium chloride <0,5 g/l

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Area of use: Surface disinfection Wet wipe with disinfectant effect.  
Any other use is prohibited unless specifically authorized.

Use a wet wipe to wipe the surface, and leave on for 5 minutes (self-drying).

Use biocides safely. Always read the label and product information before use.

### 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
C12-C16 alkylbenzyltrimethylammonium chloride	68424-85-1 270-325-2 01-2119965180-41	0.25 -< 0.5 %		Acute Tox. 4;H302 Skin Corr. 1B;H314 Eye Dam. 1;H318 Aquatic Acute 1;H400 Aquatic Chronic 1;H410  LD50 (Acute toxicity - oral): 300 - 2000 mg/kg bw ATE (Acute toxicity - oral): 300.03 mg/kg bw M (acute): 10 M (chronic): 1

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>Inhalation:</b>	Seek fresh air. Seek medical advice in case of persistent discomfort.
<b>Ingestion:</b>	Do not induce vomiting. Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of discomfort.
<b>Skin contact:</b>	Remove contaminated clothing. Wash skin with soap and water. Seek medical advice in case of persistent discomfort.
<b>Eye contact:</b>	Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.
<b>General:</b>	When obtaining medical advice, show the safety data sheet or label.

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

May cause slight irritation to the skin and eyes.

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

Treat symptoms.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

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

### 5.2. Special hazards arising from the substance or mixture

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Can generate harmful flue gases containing carbon monoxide and carbon dioxide in the event of fire. The product decomposes when combusted and the following toxic gases can be formed: Aldehydes.

### 5.3. Advice for firefighters

Wear Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit. Send contaminated extinguishing water for destruction.

## 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

Do not eat, drink or smoke during work.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in a dry, cool, well-ventilated area.

### 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

C12-C16 alkylbenzyltrimethylammonium chloride, cas-no 68424-85-1

Exposure	Value	Assessment Factor	Extrapolation Method	Note
PNEC aqua (freshwater)	0,0009 mg/l			
PNEC aqua (marine water)	0,00096 mg/l			
PNEC sediment (freshwater)	12,27 mg/kg			
PNEC sediment (marine water)	13,09 mg/kg			

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PNEC STP (wastewater-treatment facilities)	0,4 mg/l			
PNEC soil	7 mg/kg			

### DNEL - workers

C12-C16 alkylbenzyltrimethylammonium chloride, cas-no 68424-85-1

Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Inhalation DNEL (long-term exposure - systemic effects)	3,96 mg/m <sup>3</sup>				
Dermal DNEL (long-term exposure - systemic effects)	5,7 mg/kg bw/day				

### DNEL - general population

C12-C16 alkylbenzyltrimethylammonium chloride, cas-no 68424-85-1

Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Dermal DNEL (long-term exposure - systemic effects)	3,4 mg/kg bw/day				
Inhalation DNEL (long-term exposure - systemic effects)	1,64 mg/m <sup>3</sup>				
Oral DNEL (long-term exposure - systemic effects)	3,4 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 etc.

**Personal protective equipment, respiratory protection:** Not required.

**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 Clear
Odour	Weak
Solubility	Soluble in water.

Parameter	Value/unit	Remarks
Odour threshold	No data	
Melting point	0 °C	
Freezing point	0 °C	
Initial boiling point and boiling range	100 °C	
Flammability (solid, gas)		Not relevant Aqueous solution

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Flammability limits		Not relevant
Explosion limits	vol%	Not relevant
Flash Point	°C	Not relevant Aqueous solution
Auto-ignition temperature	°C	Not relevant
Decomposition temperature:	No data	
pH (solution for use)	6 - 7	
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	No data	

### 9.2. Other information

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

**Other Information:** None.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Not reactive.

### 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

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

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### C12-C16 alkylbenzyltrimethylammonium chloride, cas-no 68424-85-1

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		300 - 2000 mg/kg bw		OECD 401	
	ATE		300.03 mg/kg bw			

The product does not have to be classified.

**Acute toxicity - dermal:** The product does not have to be classified.

**Acute toxicity - inhalation:** Test data are not available. The product does not have to be classified.

### Skin corrosion/irritation

#### C12-C16 alkylbenzyltrimethylammonium chloride, cas-no 68424-85-1

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit				Corrosive		

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

### Serious eye damage/eye irritation

#### C12-C16 alkylbenzyltrimethylammonium chloride, cas-no 68424-85-1

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
				Corrosive		

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

### Respiratory sensitisation or skin sensitisation

#### C12-C16 alkylbenzyltrimethylammonium chloride, cas-no 68424-85-1

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

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

### Germ cell mutagenicity

#### C12-C16 alkylbenzyltrimethylammonium chloride, cas-no 68424-85-1

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
				No mutagenic effects observed.	OECD 473	
				No mutagenic effects observed.	Ames test	
				No mutagenic effects observed.	OECD 476	
Mouse				No mutagenic effects observed.	OECD 474	

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.

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### 11.2. Information on other hazards

**Endocrine disrupting properties:** None known.

**Other toxicological effects:** The product does not have to be classified.

## SECTION 12: Ecological information

### 12.1. Toxicity

#### C12-C16 alkylbenzyltrimethylammonium chloride, cas-no 68424-85-1

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Algae	Pseudokirchneriella subcapitata	72 h	72hNOEC	0.001 - 0.01 mg/l		OECD 201	
Fish	Lepomis macrochirus	96 h	96hLC50	0.1 - 1 mg/l			
Crustacea	Daphnia magna	48 h	48hEC50	0.01 - 0.1 mg/l			
Algae	Pseudokirchneriella subcapitata	72 h	72hEC50	0.01 - 0.1 mg/l		OECD 201	
Crustacea	Daphnia magna	21 d	21dNOEC	0.01 - 0.1 mg/l		OECD 211	

Harmful to aquatic life with long lasting effects.

### 12.2. Persistence and degradability

#### C12-C16 alkylbenzyltrimethylammonium chloride, cas-no 68424-85-1

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
		28 d		63 %	Readily biodegradable.	OECD 301 D	

Readily biodegradable.

### 12.3. Bioaccumulative potential

#### C12-C16 alkylbenzyltrimethylammonium chloride, cas-no 68424-85-1

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
			Log Kow	2.75			
			BCF	67 - 160			

No bioaccumulation expected.

### 12.4. Mobility in soil

The product contains at least one substance with high soil mobility.

### 12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

### 12.6. Endocrine disrupting properties

None known

### 12.7. Other adverse effects

None known.

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste (Dir. 2008/98/EU). Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.

Uncleansed packaging is to be disposed of via the local waste-removal scheme. 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 (EU) of the European Parliament and of the Council concerning the making available on the market and use of biocidal products.

#### 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.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

### SDS is prepared by

Company:	Artis Global AS
Country:	Norway

**Country:** EU