



Phago'wash LD

Liquid detergent use in washers
disinfectors for endoscopes and other instruments



Strengths

- ✓ Non-foaming detergent
- ✓ Strongly active against organic soiling
- ✓ Without NTA, EDTA, and phosphate
- ✓ Contains an easily biodegradable sequestering agent

Packaging

Presentation	Code	Number of units/pack
5L canister	70443	2 units
10L canister	70444	-
20L canister	70445	-
200L drum	70447	-





Phago'wash LD

Domaine d'utilisation

- ✓ **Phago'wash LD** is a liquid detergent for the manual cleaning of instruments, endoscopes and laboratory equipment.
- ✓ **Phago'wash LD** is used with washers disinfectors.
- ✓ **Phago'wash LD** is a detergent that can be used, after rinsing with drinking-quality water, on surfaces that come into contact with foodstuffs.

Components

- ✓ Non-ionic surfactants.
- ✓ Sequestering agents and dispersants.
- ✓ Detergent base : triethanolamine.
- ✓ Without, NTA, EDTA, or phosphate.

Organoleptic and physico-chemical characteristics

- ✓ Appearance : yellow liquid .
- ✓ pH (pur) : 10,0 – 11,0.
- ✓ Density (20°C) (g/ml) : 1,057 +/- 0,005.

Use instructions

- ✓ Dilution : 2 to 8 mL per cold or lukewarm water.
- ✓ Use in association with **PHAGO'WASH RINSE** – cleaning liquid.
- ✓ Rinse with water after using the product.

Recommendations

- ✓ Do not mix with other products.
- ✓ Compatible with materials sensitive to alkaline substances.

Precautions for use

- ✓ Read the Safety data sheet available at : www.quickfds.com





PHAGO'WASH RINSE

Rinsing liquid
for medical devices
and laboratory equipment



Strengths

- ✓ Enhances drying performance and does not leave traces
- ✓ Reduces or eliminates the need for lubrication
- ✓ Non-foaming product

Packaging

Presentation	Code No.	Number of units/pack
5-litre jerry can	70033	2 units
10-litre jerry can	70034	1 unit





PHAGO'WASH RINSE

Application

- ✓ PHAGO'WASH RINSE is an acidic rinsing liquid for cleaning laboratory instruments and other equipment in an instrument-disinfecting machine.

Constituents

- ✓ Non-ionic surfactant
- ✓ Organic acid.

Organoleptic and physical-chemical characteristics

- ✓ Appearance: clear liquid
- ✓ Colour: colourless
- ✓ Odour: characteristic
- ✓ pH (of neat product) at 20°C: 2.10 to 2.60
- ✓ Density at 20°C (g/ml): 1.025 ± 0.005

How to use

- ✓ Automatic dilution in an instrument-disinfecting machine: 0.3 to 1 mL/litre as final rinse (heat-disinfection stage).

Recommendations

- ✓ For use together with PHAGO'WASH LD
- ✓ Do not mix with other substances.
- ✓ Do not use to clean instruments containing certain synthetic materials of polyethersulfone-type (PES-type)
- ✓ Read the instruction manual for the equipment being treated, to check what it says about compatibility.
- ✓ Carry out a prior test before treating sensitive medical devices with organic acids.

Precautions for use

- ✓ Consult the Safety Data Sheet on website: www.quickfds.com



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

1.1. Product identifier

Product form : Mixture
 Product name : PHAGO'WASH LD
 Product code : PHA065_F170
 Type of product : Detergent
 Product group : Mixture

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

1.2.1. Relevant identified uses

Main use category : Professional use
 Description/Application : Liquid detergent for manual use, use in ultrasonic washers and washers disinfectors for endoscopes and other instruments.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

CHRISTEYNS France - Division Santé
 31. rue de la Maladrie
 44120 VERTOU - FRANCE
 T 02 40 80 27 27 - F 02 40 03 09 73
health-security@christeyns.fr - www.phagogene.fr

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
France	INRS		+33 1 45 42 59 59	
United Kingdom	National Poisons Information Service Medical Toxicology Unit		0870 243 2241	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Corrosive to metals, Category 1 H290
 Serious eye damage/eye irritation, Category 1 H318

Full text of hazard classes and H-statements : see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS05

CLP Signal word : Danger
 Hazardous ingredients : (L+)Lactic acid; 2-ethylhexanol ethoxylated; D-Glucopyranose, oligomeric, decyl octyl glycosides
 Hazard statements (CLP) : H290 - May be corrosive to metals
 H318 - Causes serious eye damage
 Precautionary statements (CLP) : P234 - Keep only in original container
 P280 - Wear eye protection
 P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor

2.3. Other hazards

No additional information available

PHAGO'WASH LD

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Sodium cumenesulfonate	(CAS-no) 15763-76-5 (Einecs nr) 239-854-6 (REACH-no) 01-2119489411-37	< 5	Eye Irrit. 2, H319
(L+)Lactic acid	(CAS-no) 79-33-4 (Einecs nr) 201-196-2 (REACH-no) 01-2119474164-39	< 3	Skin Irrit. 2, H315 Eye Dam. 1, H318
2-ethylhexanol ethoxylated	(CAS-no) 26468-86-0	< 3	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318
D-Glucopyranose, oligomeric, decyl octyl glycosides	(CAS-no) 54549-24-5 (Einecs nr) / (EG annex nr) / (REACH-no) 01-2119492545-29	< 3	Eye Dam. 1, H318

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice : In case of doubt or persistent symptoms, consult always a physician. For symptom description, see item 11.

Inhalation : In case of malaise, seek medical advice.

Skin contact : Take off immediately all contaminated clothing. Wash off immediately with plenty of water.

Eye contact : Rinse immediately and plentifully with water and take medical advice.

Ingestion : If swallowed, seek medical advice immediately and show this container or label.

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

Acute effects inhalation : No data available.

Acute effects skin : No data available.

Acute effects eyes : Causes serious eye damage.

Acute effects oral route : No data available.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : The product itself does not burn. Foam, powder, carbon dioxide (CO₂), water spray.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Protection during firefighting : Use a self-contained breathing apparatus and also a protective suit.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Concerning personal protective equipment to use, see section 8.

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Prevent liquid from entering sewers, watercourses, underground or low areas.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Rinse with water.

6.4. Reference to other sections

PHAGO'WASH LD

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with the skin and the eyes. Shower, eyes shower and water point in proximity.
Hygiene measures : Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in original container.
Storage temperature : 5 - 40 °C
Material(s) to avoid : Not determined.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

D-Glucopyranose, oligomeric, decyl octyl glycosides (54549-24-5)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	595000 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	420 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	35.7 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	124 mg/m ³
Long-term - systemic effects, dermal	357000 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	0.176 mg/l
PNEC aqua (marine water)	0.018 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	0.722 mg/kg dwt
PNEC sediment (marine water)	0.072 mg/kg dwt
PNEC (Soil)	
PNEC soil	0.654 mg/kg dwt

8.2. Exposure controls

Hand protection:

not required

Eye protection:

safety goggles (EN 166)

Protective equipment:

No special required clothing

Respiratory protection:

Not required

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Physical state/form : Liquid.
Colour : Yellow.
Odour : Slight.
Odour threshold : No data available
pH : 10.5
Relative evaporation rate (butylacetate=1) : No data available
Melting point/range : No data available
Freezing point : No data available
Boiling point/Boiling range : No data available
Flash point : Not applicable

PHAGO'WASH LD

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Autoignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 1.059
Solubility	: Water: 100% (20°C)
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable in use and storage conditions as recommended in item 7.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Temperatures below 0°C. High temperatures.

10.5. Incompatible materials

Do not mix with other products.

10.6. Hazardous decomposition products

Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

(L+)Lactic acid (79-33-4)	
LD50 oral rat	3543 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 7.94 mg/l/4h

Skin corrosion/irritation : Not classified
pH: 10.5

Serious eye damage/irritation : Causes serious eye damage.
pH: 10.5

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Not classified according 1272/2008/CE.

(L+)Lactic acid (79-33-4)	
LC50 fish 1	130 mg/l

PHAGO'WASH LD

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

(L+)Lactic acid (79-33-4)	
EC50 Daphnia 1	130 mg/l
ErC50 (algae)	2800 mg/l
NOEC (acute)	1900 mg/l

D-Glucopyranose, oligomeric, decyl octyl glycosides (54549-24-5)	
LC50 fish 1	> 100 mg/l
EC50 Daphnia 1	> 100 mg/l

12.2. Persistence and degradability

PHAGO'WASH LD	
Persistence and degradability	The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

(L+)Lactic acid (79-33-4)	
Persistence and degradability	Readily biodegradable.

D-Glucopyranose, oligomeric, decyl octyl glycosides (54549-24-5)	
Persistence and degradability	Readily biodegradable.
Biodegradation	> 70 %

12.3. Bioaccumulative potential

(L+)Lactic acid (79-33-4)	
Log Pow	-0.62
Bioaccumulative potential	not bioaccumulative.

12.4. Mobility in soil

(L+)Lactic acid (79-33-4)	
Ecology - soil	Small adsorption.

12.5. Results of PBT and vPvB assessment

Component	
Sodium cumenesulfonate (15763-76-5)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
(L+)Lactic acid (79-33-4)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
D-Glucopyranose, oligomeric, decyl octyl glycosides (54549-24-5)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods	: Dispose of this material and its container at hazardous or special waste collection point.
Waste / unused products	: Avoid undiluted product to come into sewer or superficial water.
European List of Waste (LoW) code	: 20 01 29* - detergents containing dangerous substances

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

UN-No. (ADR) : Not applicable

14.2. UN proper shipping name

Proper shipping name : Not applicable

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not applicable

14.4. Packing group

Packing group (ADR) : Not applicable

14.5. Environmental hazards

PHAGO'WASH LD

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Dangerous for the environment : No
Other information : No supplementary information available

14.6. Special precautions for user

- Overland transport

No data available

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

CESIO recommendations : The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Other information, restriction and prohibition regulations : Not affected by the conditions of restriction _ ANNEXE XVII.

Detergent Regulation : Labelling of contents:

Component	%
Non-ionic surfactants	<5%

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Indication of changes:

Section	Changed item	Change	Comments
2		Modified	
3		Modified	
8.2		Modified	
9.1		Modified	
12.		Modified	
15.1		Modified	
16		Modified	

Other information : It is recommended to pass the information of this safety data sheet, eventually in an appropriated form, to the users. Such information is actually to be best of our knowledge and believes accurate as reliable. This information relates to the specific material designated and may not be valid in combination with other product(s). EC Regulation 1272/2008 and its amendments.

Full text of H- and EUH-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Met. Corr. 1	Corrosive to metals, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H290	May be corrosive to metals
H302	Harmful if swallowed
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Met. Corr. 1	H290	Calculation method
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PHAGO'WASH LD

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Eye Dam. 1	H318	Calculation method
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It is the user's responsibility to take mentioned precaution measures and ensure that this information is complete and sufficient for the use of this product

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

1.1. Product identifier

Product form : Mixture
 Product name : PHAGO'WASH RINSE
 Product code : F164
 Type of product : Detergent
 Product group : Mixture

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

1.2.1. Relevant identified uses

Main use category : Professional use
 Description/Application : Liquid rinse aid
 Function or use category : MD

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

CHRISTEYNS France - Division Santé
 31. rue de la Maladrie
 44120 VERTOU - FRANCE
 T 02 40 80 27 27 - F 02 40 03 09 73
health-security@christeyns.fr - www.phagogene.fr

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals-24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
United Kingdom	National Poisons Information Service Medical Toxicology Unit		0870 243 2241	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Serious eye damage/eye irritation, Category H319
 2

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS07

CLP Signal word : Warning
 Hazard statements (CLP) : H319 - Causes serious eye irritation.
 Precautionary statements (CLP) : P280 - Wear eye protection.
 P337+P313 - If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

No additional information available

PHAGO'WASH RINSE

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Alcohol ethoxylated	(CAS-no) Not specified by the supplier (REACH-no) exemption polymer	10 - 20	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Aquatic Chronic 3, H412
Sodium cumenesulfonate	(CAS-no) 15763-76-5 (Einecs nr) 239-854-6 (REACH-no) 01-2119489411-37	< 5	Eye Irrit. 2, H319
Citric acid	(CAS-no) 5949-29-1 (Einecs nr) 201-069-1 (REACH-no) 01-2119457026-42	< 5	Eye Irrit. 2, H319

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice : In case of doubt or persistent symptoms, consult always a physician. For symptom description, see item 11.

Inhalation : In case of malaise, seek medical advice.

Skin contact : Take off contaminated clothes. Rinse with water.

Eye contact : Wash with plenty of water and if necessary take medical advice.

Ingestion : If swallowed, seek medical advice immediately and show this container or label. Do NOT induce vomiting. Give nothing to drink.

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

Acute effects inhalation : Not applicable.

Acute effects skin : Not classified.

Acute effects eyes : Causes serious eye irritation.

Acute effects oral route : No data available.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : The product itself does not burn. Foam, powder, carbon dioxide (CO₂), water spray.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

No additional information available

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Concerning personal protective equipment to use, see section 8.

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Prevent liquid from entering sewers, watercourses, underground or low areas.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Rinse with water.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

PHAGO'WASH RINSE

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Precautions for safe handling : Avoid contact with the skin and the eyes. Do not eat, drink or smoke when using this product.

Hygiene measures : Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in original container.

Storage temperature : 5 - 40 °C

Material(s) to avoid : Not determined.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Hand protection:

not required. wear of household gloves recommended

Eye protection:

safety goggles (EN 166)

Protective equipment:

No special required clothing

Respiratory protection:

Not required

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Physical state/form : Liquid.

Colour : Colourless.

Odour : characteristic.

Odour threshold : No data available

pH : 2,1 - 2,6 (100 %)

Relative evaporation rate (butylacetate=1) : No data available

Melting point/range : No data available

Freezing point : No data available

Boiling point/Boiling range : No data available

Flash point : Not applicable

Autoignition temperature : No data available

Decomposition temperature : No data available

Flammability (solid, gas) : No data available

Vapour pressure : No data available

Relative vapour density at 20 °C : No data available

Relative density : 1,022 - 1,032

Solubility : Water: 100 %

Log Pow : No data available

Viscosity, kinematic : No data available

Viscosity, dynamic : No data available

Explosive properties : No data available

Oxidising properties : No data available

Explosive limits : No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

PHAGO'WASH RINSE

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

No additional information available

10.2. Chemical stability

Stable in use and storage conditions as recommended in item 7.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Temperatures below 0°C.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide. nitrogen oxides (NOx).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

Alcohol ethoxylated (Not specified by the supplier)

LD50 oral rat	> 300 (300 - 2000) mg/kg
Skin corrosion/irritation	: Not classified pH: 2,1 - 2,6 (100 %)
Serious eye damage/irritation	: Causes serious eye irritation. pH: 2,1 - 2,6 (100 %)
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

Alcohol ethoxylated (Not specified by the supplier)

LC50 fish 1	1 - 10 mg/l
EC50 Daphnia 1	1 - 10 mg/l

12.2. Persistence and degradability

PHAGO'WASH RINSE

Persistence and degradability	The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
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Alcohol ethoxylated (Not specified by the supplier)

Chemical oxygen demand (COD)	2,16 g O ₂ /g substance
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12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

PHAGO'WASH RINSE

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

12.5. Results of PBT and vPvB assessment

Component	
Alcohol ethoxylated (Not specified by the supplier)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Sodium cumenesulfonate (15763-76-5)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Citric acid (5949-29-1)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of this material and its container at hazardous or special waste collection point.
Waste / unused products : Avoid undiluted product to come into sewer or superficial water.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

UN-No. (ADR) : Not applicable

14.2. UN proper shipping name

Proper shipping name : Not applicable

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not applicable

14.4. Packing group

Packing group (ADR) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No

Other information : No supplementary information available

14.6. Special precautions for user

- Overland transport

No data available

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

CESIO recommendations : The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Other information, restriction and prohibition regulations : Not affected by the conditions of restriction _ ANNEXE XVII.

Detergent Regulation : Labelling of contents:

Component	%
Non-ionic surfactants	5-15%

15.1.2. National regulations

No additional information available

PHAGO'WASH RINSE

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Indication of changes:

Section	Changed item	Change	Comments
1.1		Modified	
4.1		Modified	
8.2		Modified	
15.1		Modified	
16		Modified	

Other information

: It is recommended to pass the information of this safety data sheet, eventually in an appropriated form, to the users. Such information is actually to be best of our knowledge and believes accurate as reliable. This information relates to the specific material designated and may not be valid in combination with other product(s). EC Regulation 1272/2008 and its amendments.

Full text of H- and EUH-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H302	Harmful if swallowed.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Eye Irrit. 2	H319	Calculation method
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It is the user's responsibility to take mentioned precaution measures and ensure that this information is complete and sufficient for the use of this product