

SAFETY DATA SHEET

according to Regulation No. 1907/2006 of the European Parliament and of the Council, as subsequently amended

HUMDAKIN – DOG SHAMPOO

Date of issue:

06. 06. 2022

Version: 1.0

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

1.1. Product identifier

Product Name

HUMDAKIN – DOG SHAMPOO

UFI code

None.

Product code

CH-583-1.

Mixture description

Water solution.

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

Identified uses

Shampoo for dogs.

Uses advised against

Not known. It is recommended to use it only for the intended use. Other uses may expose users to unpredictable risks.

1.3. Details of the supplier of the safety data sheet

HUMDAKIN

Estrupvej 1

DK-8380 TRIGE

Denmark

telephone: +45 70 70 75 70

e-mail address for a competent person responsible for the SDS: info@humdakin.com

1.4. Emergency telephone number

112 (General emergency phone).

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The mixture is classified as **hazardous** according to regulation 1272/2008/EC.

Classification according to 1272/2008/EC

Eye Dam. 1; H318

Full text of classifications and H-phrases: see section 16.

The most important adverse physical, human health and environmental effects

Causes serious eye damage.

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2.2. Label elements

Hazard pictograms



Signal word

Danger.

Substances of the mixture to be placed on the label

Contains Betaines, C12-14 (even numbered)-alkyldimethyl, D-Glucopyranose, oligomeric, C10-16 (even numbered) alkyl glycosides, D-Glucopyranose, oligomers, decyl octyl glycosides.

Hazard statements

H318 Causes serious eye damage.

Precautionary statements

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P501 Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Supplemental hazard information

Mandatory additional information is not required according to CLP regulation.

2.3. Other hazards

Mixture does not contain substance(s) meeting the criteria for persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) in accordance with Annex XIII of REACH regulation. The mixture and its substances are not mentioned on the Candidate list for possible inclusion in Annex XIV of REACH at the date of the revision of the safety data sheet (established in accordance with Article 59(1) of REACH regulation. Mixture does not contain the substance(s) identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

3.2.1. Substances of a mixture classified as hazardous

Identification of substance	Content wt. %	Classification according to 1272/2008/EC
Sorbitan monooleate, ethoxylated		

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CAS Number	9005-65-6		
EC Number	500-019-9		
Index Number	not given	≤ 3.0	Aquatic Chronic 3; H412
Registration Number	not yet available		
Betaines, C12-14 (even numbered)-alkyldimethyl			
CAS Number	66455-29-6		
EC Number	931-700-2		Skin Irrit. 2; H315
Index Number	not given	≤ 3.0	Eye Dam. 1; H318
Registration Number	01-2119529251-48-XXXX		Aquatic Chronic 3; H412
The substance has specific concentration limits:			
Skin Irrit. 2; H315		C ≥ 16 %	
Eye Dam. 1; H318		C > 16 %	
Eye Irrit. 2; H319		1 % ≤ C ≤ 16 %	
D-Glucopyranose, oligomeric, C10-16 (even numbered) alkyl glycosides			
CAS Number	110615-47-9		
EC Number	600-975-8		
Index Number	not given	≤ 3.0	Skin Irrit. 2; H315
Registration Number	01-2119489418-23-XXXX		Eye Dam. 1; H318
The substance has specific concentration limits:			
Eye Dam. 1; H318		C > 12 %	
Skin Irrit. 2; H315		C > 30 %	
D-Glucopyranose, oligomers, decyl octyl glycosides			
CAS Number	68515-73-1		
EC Number	500-220-1		
Index Number	not given	≤ 3.0	Eye Dam. 1; H318
Registration Number	01-2119488530-36-XXXX		
Reaction mass of 3,7-dimethyloct-7-en-1-yl 3-methylbut-2-enoate and 3,7-dimethyloctyl 3-methyl-2-butenate and citronellyl 3-methylcrotonate			
CAS Number	not given		
EC Number	946-248-1		Aquatic Acute 1; H400
Index Number	not given	< 0.2	Aquatic Chronic 2; H411
Registration Number	01-2120742577-46-XXXX		M=10
Acrylamide			

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CAS Number	79-06-1		Acute Tox. 3; H301
EC Number	201-173-7		Acute Tox. 4; H312
Index Number	not given	< 0.0005	Skin Irrit. 2; H315
Registration Number	01-2119463260-48-XXXX		Skin Sens. 1; H317
			Eye Irrit. 2; H319
			Acute Tox. 4; H332
			Muta. 1B; H340
			Carc. 1B; H350
			Repr. 2; H361f
			STOT RE 1; H372
			(Peripheral nervous system)

Full text of classifications and H-phrases: see section 16.

SECTION 4: First aid measures

In all cases keep the victim at physical and mental rest and warm. In case of doubt or if symptoms persist, seek medical attention. Never give anything by mouth if victim is rapidly losing consciousness, unconscious or convulsing. Protect yourself during rescue work.

4.1. Description of first aid measures

Inhalation

Interrupt the exposure. In case of persistent nausea, seek medical advice.

Skin contact

This product is a shampoo for dogs.

Eye contact

Rinse with a gentle stream of water for at least 15 minutes. Keep your eyelids wide open with your thumb and forefinger. If pain or redness persists, seek medical advice.

Ingestion

Rinse your mouth and then drink plenty of water.

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

Are not known.

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

Treat symptomatically and supportively.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

The product is non-flammable. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

Solid streams of water may be ineffective.

5.2. Special hazards arising from the substance or mixture

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In case of fire extinguishing prevent leakage of water and rest of product into drains. Collect them separately and dispose of safely in accordance with current legislation and applicable local regulations.

In case of fires, hazardous combustion gases are formed: carbon oxides and products of incomplete combustion.

5.3. Advice for firefighters

Stop further leakage of product if possible. Spilled product, which does not burn, cover with sand or foam. Move containers and barrels away from the fire to a safe place, if possible. Cool all affected containers down with flooding quantities of water. If the fire can't be extinguished - evacuate the premises.

In case of fire, wear suitable respiratory protective equipment and fire-fighting suit.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes, use suitable protective equipment and clothing, see Section 8. Ensure adequate ventilation. Avoid formation of vapour and aerosol.

6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. If this cannot be avoided, inform the competent authorities (police and firefighters) immediately.

6.3. Methods and material for containment and cleaning up

According to the amount of spilled liquid, drain away the substance (large spillage) or in case of small spillage, absorb it with suitable absorbent (vermiculite, dry sand), put into labelled closed containers and dispose of them accordingly to Section 13. Flush residues with water and collect it for waste disposal. Do not use solvents or dispersants unless instructed by an expert or government authority.

If container is damaged, remove the content to the new undamaged container and label it properly again.

6.4. Reference to other sections

Refer also to the provisions of sections 7, 8 and 13 of this safety data sheet.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes. Ensure good ventilation to prevent formation of vapour and aerosol.

Smoking, eating and drinking should be prohibited at the place of use. Keep safety regulations for handling chemicals. Take off contaminated clothing and protective equipment before entering the dining area. Do not use dirty clothing. After work wash yourself carefully with warm water and soap, take a shower. Use protective cream.

7.2. Conditions for safe storage, including any incompatibilities

Store in original, tightly closed containers, in a dry, cool and well-ventilated place at room temperature.

Do not store together with incompatible materials (see subsection 10.5), food, drink and feed.

Shelf Life: 31 months.

PAO (Period After Opening): 6 months.

7.3. Specific end use(s)

See subsection 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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8.1.1. Exposure limit value				
Acrylamide				CAS: 79-06-1
Limit values - Eight hours		Limit values - Short-term		Note
0.1 mg/m ³	- ppm	- mg/m ³	- ppm	skin
8.1.2. Biological limit values				
Acrylamide				CAS: 79-06-1
Biological limit value (BLV)		Biological guidance value (BGV)		
not given		Acrylamide haemoglobin adducts (AAVal Hb adducts): 80 pmol/g globin (for non-smokers)		
8.1.3. DNEL and PNEC values				
Betaines, C12-14 (even numbered)-alkyldimethyl				CAS: 66455-29-6
DNEL				
Area of use	Route of exposure	Effect	Exposure time	Value
Workers	Inhalation	Systemic effect	Long term	0.822 mg/m ³
Workers	Inhalation	Local effect	Long term	3.53 mg/m ³
Workers	Dermal	Systemic effect	Long term	0.233 mg/kg/day
Workers	Dermal	Local effect	Long term	0.06 mg/cm ²
General population	Inhalation	Systemic effect	Long term	0.145 mg/m ³
General population	Inhalation	Local effect	Long term	0.87 mg/m ³
General population	Dermal	Systemic effect	Long term	83.3 µg/kg/day
General population	Dermal	Local effect	Long term	0.03 mg/cm ²
General population	Oral	Systemic effect	Long term	83.3 µg/kg/day
PNEC				
Fresh water	Marine water	Intermittent releases		Sewage Treatment Plant (STP)
		Fresh water	Marine water	
0.008 mg/l	0.001 mg/l	0.017 mg/l	not given	2.7 mg/l
PNEC				
Sediment (freshwater)	Sediment (marine water)	Air	Soil	Hazard for predators
0.028 mg/kg	0.003 mg/kg	no effect	10 mg/kg	no effect
D-Glucopyranose, oligomeric, C10-16 (even numbered) alkyl glycosides				CAS: 110615-47-9
DNEL				
Area of use	Route of exposure	Effect	Exposure time	Value
Workers	Inhalation	Systemic effect	Long term	420 mg/m ³
Workers	Dermal	Systemic effect	Long term	595 000 mg/kg/den
General population	Inhalation	Systemic effect	Long term	124 mg/m ³
General population	Dermal	Systemic effect	Long term	357 000 mg/kg/den

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General population	Oral	Systemic effect	Long term	35.7 mg/kg/den
PNEC				
Fresh water	Marine water	Intermittent releases		Sewage Treatment Plant (STP)
0.176 mg/l	0.018 mg/l	Fresh water	Marine water	5 000 mg/l
		0.029 mg/l	not given	
PNEC				
Sediment (freshwater)	Sediment (marine water)	Air	Soil	Hazard for predators
1.516 mg/l	0.065 mg/kg	not given	0.654 mg/kg	111.11 mg/kg food
D-Glucopyranose, oligomers, decyl octyl glycosides				CAS: 68515-73-1
DNEL				
Area of use	Route of exposure	Effect	Exposure time	Value
Workers	Inhalation	Systemic effect	Long term	420 mg/m ³
Workers	Dermal	Systemic effect	Long term	595 000 mg/kg/den
General population	Inhalation	Systemic effect	Long term	124 mg/m ³
General population	Dermal	Systemic effect	Long term	357 000 mg/kg/den
General population	Oral	Systemic effect	Long term	35.7 mg/kg/den
PNEC				
Fresh water	Marine water	Intermittent releases		Sewage Treatment Plant (STP)
0.176 mg/l	0.018 mg/l	Fresh water	Marine water	560 mg/l
		0.27 mg/l	not given	
PNEC				
Sediment (freshwater)	Sediment (marine water)	Air	Soil	Hazard for predators
1.516 mg/l	0.152 mg/kg	not given	0.654 mg/kg	111.11 mg/kg food
Reaction mass of 3,7-dimethyloct-7-en-1-yl 3-methylbut-2-enoate and 3,7-dimethyloctyl 3-methyl-2-butenate and citronellyl 3-methylcrotonate				ES: 946-248-1
DNEL - not yet available				
PNEC				
Fresh water	Marine water	Intermittent releases		Sewage Treatment Plant (STP)
2.8 µg/l	0.28 µg/l	Fresh water	Marine water	3 mg/l
		0.76 µg/l	0.076 µg/l	
PNEC				
Sediment (freshwater)	Sediment (marine water)	Air	Soil	Hazard for predators
5.6 mg/kg	0.56 mg/kg	no effect	1.12 mg/kg	no effect
Acrylamide				CAS: 79-06-1
DNEL				

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Area of use	Route of exposure	Effect	Exposure time	Value
Workers	Inhalation	Systemic effect	Long term	0.07 mg/m ³
Workers	Inhalation	Systemic effect	Acute/short term	120 mg/m ³
Workers	Inhalation	Local effect	Acute/short term	120 mg/m ³
Workers	Dermal	Systemic effect	Long term	0.1 mg/kg/day
Workers	Dermal	Systemic effect	Acute/short term	3 mg/kg/day

PNEC

Fresh water	Marine water	Intermittent releases		Sewage Treatment Plant (STP)
		Fresh water	Marine water	
0.032 mg/l	2 µg/l	0.32 mg/l	not given	0.2 mg/l

PNEC

Sediment (freshwater)	Sediment (marine water)	Air	Soil	Hazard for predators
no exposure of sediment expected	no exposure of sediment expected	not given	no exposure of soil expected	no effect

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Use only in well-ventilated areas.

Observe usual safety precautions for working with chemicals. The degree of effectiveness of personal protective equipment depends on temperature and ventilation levels.

8.2.2. Individual protection measures, such as personal protective equipment

Do not eat, drink or smoke. After work, wash thoroughly with warm water and soap and take a shower. Use protective cream. Do not soiled protective equipment to wash, do not use solvents.

Eye/face protection

Wear safety goggles or face shield when manufacturing and handling the product. They are not necessary when used by the consumer.

Skin protection - hand protection

Wear protective gloves when manufacturing and handling the product. They are not necessary when used by the consumer.

The selection of the glove material on consideration of the breakthrough time, permeability, degradation and next relevant factors; other chemicals that may come into contact, physical requirements (cut and puncture protection, dexterity, thermal protection), possible body reactions to the glove material and the glove supplier's instructions and specifications. In case of repeated use of gloves, clean and keep them in a well-ventilated place before taking off.

Skin protection - other

In normal use is not necessary, in case of prolonged contact with the product, wear protective work clothes and shoes.

Respiratory protection

Not necessary in case of compliance concentration limits (if they were exceeded, use a respirator against organic vapour). In the event of an accident or a fire use self-contained breathing apparatus.

Thermal hazards

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In normal use is not necessary protective equipment to be worn for materials that represent a thermal hazard.

8.2.3. Environmental exposure controls

Uncontrolled release of the mixture into environment is to be avoided. Keep the emission limits according to national legislation.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Mixture

Physical state	Liquid (Homogeneous surfactant/tenside).
Colour	Light yellow.
Odour	Based on the used perfume (Parfum Cucumber 1-94603GB).
Melting point/freezing point	Not determined.
Boiling point or initial boiling point and boiling range	Not determined.
Flammability	The mixture is not classified as flammable liquid.
Lower explosion limit	Not determined.
Upper explosion limit	Not determined.
Flash point	Not determined.
Auto-ignition temperature	Not determined.
Decomposition temperature	Not determined, the mixture does not contain self-reactive substances or organic peroxides or other substances which may decompose.
pH	6.7 - 7.2.
Kinematic viscosity	Not determined, the mixture does not contain a substance classified as aspiration toxic, or the sum of the concentrations of substances classified as aspiration toxic is less than 10 wt. %.
Solubility	Soluble in water.
Partition coefficient n-octanol/water (log value)	Does not apply to mixture.
Vapour pressure	Not determined.
Density and/or relative density	Not determined.
Relative vapour density	Not determined.
Particle characteristics	Does not apply to liquid.

Betaines, C12-14 (even numbered)-alkyldimethyl

CAS: 66455-29-6

Physical state	Solid.
Colour	Creamy.
Odour	Not determined.
Melting point/freezing point	131.1 °C (decomposition, EU method A.1).

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Boiling point or initial boiling point and boiling range	Not determined, substance decomposes.
Flammability	The substance is not classified as flammable (EU method A.10, EU method A.12, EU method A.13).
Lower explosion limit	Does not apply to solid.
Upper explosion limit	Does not apply to solid.
Flash point	Does not apply to solid.
Auto-ignition temperature	Does not apply to solid.
Decomposition temperature	131.1 °C (decomposition, EU method A.1).
pH	Not determined.
Kinematic viscosity	Does not apply to solid.
Solubility	324 g/l (20 °C, pH > 6.51 - < 7.24, EU method A.6).
Partition coefficient n-octanol/water (log value)	log Pow = -0.4 (20 °C, pH = 6.86, EU method A.8).
Vapour pressure	Not determined.
Density and/or relative density	1 067.5 kg/m ³ (129 °C, EU method A.3).
Relative vapour density	Does not apply to solid.
Particle characteristics	Not determined.
D-Glucopyranose, oligomeric, C10-16 (even numbered) alkyl glycosides CAS: 110615-47-9	
Physical state	Solid.
Colour	Not determined.
Odour	Not determined.
Melting point/freezing point	> 150 °C (OECD 102).
Boiling point or initial boiling point and boiling range	> 301 °C (OECD 103).
Flammability	Non-flammable solid (EU method A.10).
Lower explosion limit	Does not apply to solid.
Upper explosion limit	Does not apply to solid.
Flash point	Does not apply to solid.
Auto-ignition temperature	Not determined.
Decomposition temperature	Not determined, it is not a self-reactive substance or an organic peroxide.
pH	Not determined.
Kinematic viscosity	Does not apply to solid.
Solubility	> 200 g/l (20 °C, OECD 105).
Partition coefficient n-octanol/water (log value)	log Pow ≤ -0.07 (20 °C, calculation).
Vapour pressure	Not determined.
Density and/or relative density	D ₄ ²⁰ = 1.16 (EU Method A.3).
Relative vapour density	Does not apply to solid.

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Particle characteristics	Not determined.
D-Glucopyranose, oligomers, decyl octyl glycosides	CAS: 68515-73-1
Physical state	Solid.
Colour	Not determined.
Odour	Not determined.
Melting point/freezing point	> 150 °C (OECD 102).
Boiling point or initial boiling point and boiling range	> 300 °C (OECD 103).
Flammability	Non-flammable solid (EU method A.10).
Lower explosion limit	Does not apply to solid.
Upper explosion limit	Does not apply to solid.
Flash point	Does not apply to solid.
Auto-ignition temperature	Not determined.
Decomposition temperature	Not determined, it is not a self-reactive substance or an organic peroxide.
pH	Not determined.
Kinematic viscosity	Does not apply to solid.
Solubility	> 200 g/l (20 °C, OECD 105).
Partition coefficient n-octanol/water (log value)	log Pow = 1.72 (40 °C, pH = 6.5, EU Method A.8).
Vapour pressure	Not determined.
Density and/or relative density	D ₄ ²⁰ = 1.16 (EU Method A.3).
Relative vapour density	Does not apply to solid.
Particle characteristics	Not determined.
Reaction mass of 3,7-dimethyloct-7-en-1-yl 3-methylbut-2-enoate and 3,7-dimethyloctyl 3-methyl-2-butenate and citronellyl 3-methylcrotonate	ES: 946-248-1
Physical state	Liquid.
Colour	Colourless to yellow.
Odour	Not determined.
Melting point/freezing point	< -50 °C (OECD 102).
Boiling point or initial boiling point and boiling range	305 °C (OECD 103).
Flammability	The substance is not classified as flammable, pyrophoric or emit flammable gases under standard conditions.
Lower explosion limit	Not determined.
Upper explosion limit	Not determined.
Flash point	192.5 °C (EU method A.9).
Auto-ignition temperature	320 °C (EU method A.15).

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Decomposition temperature	Not determined, it is not a self-reactive substance or an organic peroxide or a substance that may decompose.
pH	Not determined.
Kinematic viscosity	Not determined, it is not a hydrocarbon or a chlorinated hydrocarbon.
Solubility	0.421 mg/l (20 °C, pH = 7.38 - 7.81).
Partition coefficient n-octanol/water (log value)	log Pow = 6 - 6.6 (35 °C, pH = 7, OECD 117).
Vapour pressure	0.422 Pa (20 °C, OECD 104). 0.567 Pa (25 °C, OECD 104).
Density and/or relative density	0.894 g/cm ³ (20 °C, EU method A.3).
Relative vapour density	Not determined.
Particle characteristics	Does not apply to liquid.
Acrylamide	CAS: 79-06-1
Physical state	Solid.
Colour	White.
Odour	Odourless.
Melting point/freezing point	84.5 °C (literature).
Boiling point or initial boiling point and boiling range	1 388 °C (OECD 103). Not determined.
Flammability	Non-flammable solid. The substance is not classified as flammable, pyrophoric or emit flammable gases under standard conditions.
Lower explosion limit	Does not apply to solid.
Upper explosion limit	Does not apply to solid.
Flash point	Does not apply to solid.
Auto-ignition temperature	Does not apply to solid.
Decomposition temperature	Not determined, it is not a self-reactive substance or an organic peroxide or a substance that may decompose.
pH	Not determined.
Kinematic viscosity	Does not apply to solid.
Solubility	2 155 g/l (30 °C, pH = ca. 7, literature).
Partition coefficient n-octanol/water (log value)	log Pow = -0.9 (20 °C, pH = ca. 7, OECD 117).
Vapour pressure	0.9 Pa (25 °C, OECD 104). 4.4 Pa (40 °C, OECD 104). 11 Pa (50 °C, OECD 104). 230 Pa (85 °C, OECD 104).
Density and/or relative density	D ₄ ³⁰ = 1.12 (EPA OPPTS 830.7300).

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Relative vapour density

Does not apply to solid.

Particle characteristics

Not determined.

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Mixture

The mixture does not contain substances classified as hazardous to the physical classes, or the concentration of substance(s) is lower than the limit for inclusion in Section 3.

Betaines, C12-14 (even numbered)-alkyldimethyl

CAS: 66455-29-6

Explosives

Data for the substance are not available.

The substance does not contain chemical groups associated with explosive properties.

Flammable gases

It is not gas.

Aerosols

It is not aerosol.

Oxidising gases

It is not gas.

Gases under pressure

It is not gas.

Flammable liquids

It is not liquid.

Flammable solids

The substance is not classified as flammable (EU method A.10).

Self-reactive substances and mixtures

Data for the substance are not available.

The substance does not contain chemical groups associated with explosive or self-reactive properties.

Pyrophoric liquids

It is not liquid.

Pyrophoric solids

The substance is not classified as pyrophoric solid (EU method A.13).

Self-heating substances and mixtures

Data for the substance are not available.

Substances and mixtures, which emit flammable gases in contact with water

The substance is not classified as substances, which emit flammable gases in contact with water (EU method A.12).

Oxidising liquids

It is not liquid.

Oxidizing solids

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Data for the substance are not available.

It is an organic substance that does not contain oxygen, fluorine or chlorine, or these elements are chemically bounded only to carbon or hydrogen.

Organic peroxides

Data for the substance are not available.

The substance does not contain a bivalent group -O-O- with at least one organic radical.

Corrosive to metals

Data for the substance are not available.

The substance is not classified as corrosive to metal.

Desensitised explosives

Data for the substance are not available.

The substance does not contain chemical groups associated with explosive properties.

D-Glucopyranose, oligomeric, C10-16 (even numbered) alkyl glycosides

CAS: 110615-47-9

Explosives

Data for the substance are not available.

The substance does not contain chemical groups associated with explosive properties.

Flammable gases

It is not gas.

Aerosols

It is not aerosol.

Oxidising gases

It is not gas.

Gases under pressure

It is not gas.

Flammable liquids

It is not liquid.

Flammable solids

The substance is not classified as flammable solid (EU method A.10).

Self-reactive substances and mixtures

Data for the substance are not available.

The substance does not contain chemical groups associated with explosive or self-reactive properties.

Pyrophoric liquids

It is not liquid.

Pyrophoric solids

Data for the substance are not available.

The substance is stable in air, there is no spontaneous ignition.

Self-heating substances and mixtures

Data for the substance are not available.

The substance is not classified as self-heating.

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Substances and mixtures, which emit flammable gases in contact with water

Data for the substance are not available.

The chemical structure of the substance does not contain metals or metalloids.

The substance is soluble in water and forms a stable mixture with it.

Oxidising liquids

It is not liquid.

Oxidizing solids

Data for the substance are not available.

It is an organic substance that does not contain oxygen, fluorine or chlorine, or these elements are chemically bounded only to carbon or hydrogen.

Organic peroxides

Data for the substance are not available.

The substance does not contain a bivalent group -O-O- with at least one organic radical.

Corrosive to metals

Data for the substance are not available.

The substance is not classified as corrosive to metal.

Desensitised explosives

Data for the substance are not available.

The substance does not contain chemical groups associated with explosive properties.

D-Glucopyranose, oligomers, decyl octyl glycosides

CAS: 68515-73-1

Explosives

Data for the substance are not available.

The substance does not contain chemical groups associated with explosive properties.

Flammable gases

It is not gas.

Aerosols

It is not aerosol.

Oxidising gases

It is not gas.

Gases under pressure

It is not gas.

Flammable liquids

It is not liquid.

Flammable solids

The substance is not classified as flammable solid (EU method A.10).

Self-reactive substances and mixtures

Data for the substance are not available.

The substance does not contain chemical groups associated with explosive or self-reactive properties.

Pyrophoric liquids

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It is not liquid.

Pyrophoric solids

Data for the substance are not available.

The substance is stable in air, there is no spontaneous ignition.

Self-heating substances and mixtures

Data for the substance are not available.

The substance is not classified as self-heating.

Substances and mixtures, which emit flammable gases in contact with water

Data for the substance are not available.

The chemical structure of the substance does not contain metals or metalloids.

The substance is soluble in water and forms a stable mixture with it.

Oxidising liquids

It is not liquid.

Oxidizing solids

Data for the substance are not available.

It is an organic substance that does not contain oxygen, fluorine or chlorine, or these elements are chemically bounded only to carbon or hydrogen.

Organic peroxides

Data for the substance are not available.

The substance does not contain a bivalent group -O-O- with at least one organic radical.

Corrosive to metals

Data for the substance are not available.

The substance is not classified as corrosive to metal.

Desensitised explosives

Data for the substance are not available.

The substance does not contain chemical groups associated with explosive properties.

Reaction mass of 3,7-dimethyloct-7-en-1-yl 3-methylbut-2-enoate and 3,7-dimethyloctyl 3-methyl-2-butenate and citronellyl 3-methylcrotonate

ES: 946-248-1

Explosives

Data for the substance are not available.

The substance does not contain chemical groups associated with explosive properties.

Flammable gases

It is not gas.

Aerosols

It is not aerosol.

Oxidising gases

It is not gas.

Gases under pressure

It is not gas.

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Flammable liquids	
The substance is not classified as flammable liquid according to the value of the flash point and boiling point.	
Flammable solids	
It is not solid.	
Self-reactive substances and mixtures	
Data for the substance are not available. The substance does not contain chemical groups associated with explosive or self-reactive properties.	
Pyrophoric liquids	
Data for the substance are not available. The substance is stable in air, there is no spontaneous ignition.	
Pyrophoric solids	
It is not solid.	
Self-heating substances and mixtures	
Data for the substance are not available. The substance is not classified as self-heating.	
Substances and mixtures, which emit flammable gases in contact with water	
Data for the substance are not available. The chemical structure of the substance does not contain metals or metalloids. The substance is miscible with water and forms a stable mixture with it.	
Oxidising liquids	
Data for the substance are not available. It is an organic substance that does not contain oxygen, fluorine or chlorine, or these elements are chemically bounded only to carbon or hydrogen.	
Oxidizing solids	
It is not solid.	
Organic peroxides	
Data for the substance are not available. The substance does not contain a bivalent group -O-O- with at least one organic radical.	
Corrosive to metals	
Data for the substance are not available. The substance is not classified as corrosive to metal.	
Desensitised explosives	
Data for the substance are not available. The substance does not contain chemical groups associated with explosive properties.	
Acrylamide	CAS: 79-06-1
Explosives	
Data for the substance are not available. The substance does not contain chemical groups associated with explosive properties.	
Flammable gases	

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HUMDAKIN – DOG SHAMPOO

It is not gas.

Aerosols

It is not aerosol.

Oxidising gases

It is not gas.

Gases under pressure

It is not gas.

Flammable liquids

It is not liquid.

Flammable solids

The substance is not classified as flammable solid.

Self-reactive substances and mixtures

Data for the substance are not available.

The substance does not contain chemical groups associated with explosive or self-reactive properties.

Pyrophoric liquids

It is not liquid.

Pyrophoric solids

Data for the substance are not available.

The substance is stable in air, there is no spontaneous ignition.

Self-heating substances and mixtures

Data for the substance are not available.

The substance is not classified as self-heating.

Substances and mixtures, which emit flammable gases in contact with water

Data for the substance are not available.

The chemical structure of the substance does not contain metals or metalloids.

The substance is soluble in water and forms a stable mixture with it.

Oxidising liquids

It is not liquid.

Oxidizing solids

Data for the substance are not available.

It is an organic substance that does not contain oxygen, fluorine or chlorine, or these elements are chemically bounded only to carbon or hydrogen.

Organic peroxides

Data for the substance are not available.

The substance does not contain a bivalent group -O-O- with at least one organic radical.

Corrosive to metals

Data for the substance are not available.

The substance is not classified as corrosive to metal.

Desensitised explosives

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HUMDAKIN – DOG SHAMPOO

Data for the substance are not available.

The substance does not contain chemical groups associated with explosive properties.

9.2.2. Other safety characteristics

Mechanical sensitivity	Not determined, it is not an explosive substance.
Self-accelerating polymerisation temperature	Not determined, it is not a polymerising substance.
Formation of explosible dust/air mixtures	Not determined, it is not a dust.
Acid/alkaline reserve	Not determined, pH is in the range 4 - 10.
Evaporation rate	Not determined.
Miscibility	Not determined.
Conductivity	Not determined.
Corrosiveness	Not determined.
Gas group	Not determined, it is not gas.
Redox potential	Not determined.
Radical formation potential	Not determined.
Photocatalytic properties	Not determined.

SECTION 10: Stability and reactivity

10.1. Reactivity

The mixture is stable under normal conditions of use. There aren't any hazardous reaction.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions aren't known under normal conditions of use.

10.4. Conditions to avoid

Protect from temperatures below 0 °C.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

They do not form under normal use. Burning releases carbon oxides and products of incomplete combustion.

SECTION 11: Toxicological information

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

Mixture

Acute toxicity

The mixture is not classified as toxic for all routes of exposure.

Oral

Data for the mixture are not available.

ATE_{mixture} > 2 000 mg/kg (estimate, low concentration of substances classified as toxic oral route of exposure).

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HUMDAKIN – DOG SHAMPOO

Dermal Data for the mixture are not available.
ATE_{mixture} > 2 000 mg/kg (estimate, low concentration of substance classified as toxic dermal route of exposure).

Inhalation Data for the mixture are not available.
ATE_{mixture} > 20 mg/l (estimate, low concentration of substance classified as toxic inhalation route of exposure).

Skin corrosion/irritation

Data for the mixture are not available.
The mixture is not classified as skin irritant based on the general/specific concentration limits of substance(s).

Serious eye damage/irritation

Data for the mixture are not available.
The mixture is classified as causes serious eye damage based on the general/specific concentration limits of substance(s).

Respiratory or skin sensitisation

Data for the mixture are not available.
The mixture is not classified as a skin sensitizing according to the general/specific concentration limits of substance(s).

Germ cell mutagenicity

Data for the mixture are not available.
The mixture is not classified as mutagenicity according to the general/specific concentration limits of substance(s).

Carcinogenicity

Data for the mixture are not available.
The mixture is not classified as carcinogenicity according to the general/specific concentration limits of substance(s).

Reproductive toxicity

Data for the mixture are not available.
The mixture is not classified as toxic for reproduction according to the general/specific concentration limits of substance(s).

STOT – single exposure

Data for the mixture are not available.
The mixture does not contain substances classified as toxic for specific target organs in a single exposure or the concentration of substance(s) is lower than the limit for inclusion in Section 3.

STOT – repeated exposure

Data for the mixture are not available.
The mixture is not classified as toxic for specific target organs in a repeated exposure according to the general/specific concentration limits of substance(s).

Aspiration hazard

Data for the mixture are not available.
The mixture does not contain substances classified as aspiration hazard or the concentration of substance(s) is lower than the limit for inclusion in Section 3.

Other information

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HUMDAKIN – DOG SHAMPOO

See section 2 and 4.

Betaines, C12-14 (even numbered)-alkyldimethyl

CAS: 66455-29-6

Acute toxicity

Oral Based on available data, the classification criteria are not met.
LD₅₀ = 2 640 mg/kg (rat, OECD 401).

Dermal Based on available data, the classification criteria are not met.
LD₅₀ > 620 mg/kg (rat, no death is observed, OECD 402).

Inhalation Data for the substance are not available.

Skin corrosion/irritation

The substance is classified as skin irritant.

Mean erythema score = 2.67 (fully reversible after 14 days) and oedema = 1 (fully reversible after 7 days) (rabbit, 72 hrs., OECD 404).

Serious eye damage/irritation

The substance is classified as seriously damaging to the eyes.

Mean score of corneal opacity = 1 (not fully reversible after 7 days), iritis = 0, conjunctival redness = 1; 1.33; 1.33 (not fully reversible after 7 days), conjunctival oedema = 1; 0.33; 0.66 (not fully reversible after 7 days) (rabbit, 72 hrs., OECD 405).

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

Not skin sensitising (guinea pig, OECD 406).

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Negative (OECD 471, OECD 473, OECD 476).

Carcinogenicity

Data for the substance are not available.

Reproductive toxicity

Based on available data, the classification criteria are not met.

NOAEL = 60 mg/kg/day (rat, female, oral, generation P0, OECD 422).

NOAEL = 300 mg/kg/day (rat, female, oral, generation P0, OECD 422).

NOAEL = 60 mg/kg/day (mortality, rat, oral, generation F1, OECD 422).

STOT – single exposure

Data for the substance are not available.

The substance may cause respiratory irritation.

The substance may cause drowsiness or dizziness.

STOT – repeated exposure

Based on available data, the classification criteria are not met.

NOAEL = 60 mg/kg/day (rat, oral, 90 days, OECD 415).

Aspiration hazard

The substance is not a hydrocarbon or a chlorinated hydrocarbon with a kinematic viscosity of 20.5 mm²/s or less at 40 °C.

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HUMDAKIN – DOG SHAMPOO

D-Glucopyranose, oligomeric, C10-16 (even numbered) alkyl glycosides	CAS: 110615-47-9
Acute toxicity	
Oral	Based on available data, the classification criteria are not met. LD ₅₀ > 5 000 mg/kg (rat, OECD 401).
Dermal	Based on available data, the classification criteria are not met. LD ₅₀ > 2 000 mg/kg (rabbit, OECD 402).
Inhalation	Data for the substance are not available.
Skin corrosion/irritation	
The substance is classified as skin irritant. Mean erythema score = 2.9 (fully reversible after 17 days) and oedema = 2.1 (fully reversible after 10 days) (rabbit, 72 hrs., OECD 404).	
Serious eye damage/irritation	
The substance is classified as seriously damaging to the eyes. Mean score of corneal opacity = 0.5 (not fully reversible after 21 days), iritis = 0.3 (fully reversible after 14 days), conjunctival redness = 2.1 (not fully reversible after 21 days), conjunctival oedema = 1 (not fully reversible after 21 days) (rabbit, 72 h, OECD 405).	
Respiratory or skin sensitisation	
Based on available data, the classification criteria are not met. Not skin sensitising (guinea pig, OECD 406).	
Germ cell mutagenicity	
Based on available data, the classification criteria are not met. Negative (OECD 471, OECD 473, OECD 476).	
Carcinogenicity	
Data for the substance are not available.	
Reproductive toxicity	
Based on available data, the classification criteria are not met. NOAEL = 1 000 mg/kg/day (reproductive toxicity, oral, rat, generation P0, OECD 421).	
STOT – single exposure	
Data for the substance are not available.	
STOT – repeated exposure	
Based on available data, the classification criteria are not met. NOAEL = 1000 mg/kg/day (systemic and cumulative effect, rat, oral, 90 d, EU Method B.26).	
Aspiration hazard	
The substance is not a hydrocarbon or a chlorinated hydrocarbon with a kinematic viscosity of 20.5 mm ² /s or less at 40 °C.	
D-Glucopyranose, oligomers, decyl octyl glycosides	CAS: 68515-73-1
Acute toxicity	
Oral	Based on available data, the classification criteria are not met. LD ₅₀ > 2 000 mg/kg (rat, OECD 423).

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HUMDAKIN – DOG SHAMPOO

Dermal Based on available data, the classification criteria are not met.
LD₅₀ > 2 000 mg/kg (rabbit, OECD 402).

Inhalation Data for the substance are not available.

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Mean erythema score = 0.7, 1.3, 0.3 (fully reversible) and oedema = 0 (rabbit, 72 hrs. OECD 404).

Primary dermal irritation index PDII = 2.6 (max. 10, intact skin), mean erythema score ≥ 1 - ≤ 2 (moderate erythema on intact skin), mean oedema score = ca. 1 (moderate erythema on intact skin) (rabbit, 72 h, OECD 404).

Serious eye damage/irritation

The substance is classified as seriously damaging to the eyes.

Mean score of corneal opacity = 2.3 (not fully reversible after 23 days), iritis = 1 (fully reversible after 7 days), conjunctival redness = 2.7 (not fully reversible after 21 days), conjunctival oedema = 1 (not fully reversible) (rabbit, 72 h, OECD 405).

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

Not skin sensitising (mouse, OECD 429).

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Negative (OECD 476).

Carcinogenicity

Data for the substance are not available.

Reproductive toxicity

Based on available data, the classification criteria are not met.

NOAEL = 1 000 mg/kg/day (read-across (SAT 981163), rat, oral, generation P0, OECD 421).

STOT – single exposure

Data for the substance are not available.

STOT – repeated exposure

Based on available data, the classification criteria are not met.

NOAEL = 1000 mg/kg/day (systemic and cumulative effect, rat, oral, 90 d, EU Method B.26).

Aspiration hazard

The substance is not a hydrocarbon or a chlorinated hydrocarbon with a kinematic viscosity of 20.5 mm²/s or less at 40 °C.

Reaction mass of 3,7-dimethyloct-7-en-1-yl 3-methylbut-2-enoate and 3,7-dimethyloctyl 3-methyl-2-butenolate and citronellyl 3-methylcrotonate

ES: 946-248-1

Acute toxicity

Oral Based on available data, the classification criteria are not met.
LD₅₀ > 10 ml/kg (rat, no death is observed, OECD 401).

Dermal Based on available data, the classification criteria are not met.
LD₅₀ > 5 000 mg/kg (rabbit, OECD 402).

Inhalation Data for the substance are not available.

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HUMDAKIN – DOG SHAMPOO

Skin corrosion/irritation

Data for the substance are not available.

Serious eye damage/irritation

The substance is not classified as eye irritant (bovine eyes, OECD 437).

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

Not skin sensitising (guinea pig, OECD 406).

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Negative (OECD 471, OECD 487, OECD 490).

Carcinogenicity

Data for the substance are not available.

Reproductive toxicity

Data for the substance are not available.

STOT – single exposure

Data for the substance are not available.

STOT – repeated exposure

Data for the substance are not available.

Aspiration hazard

The substance is not a hydrocarbon or a chlorinated hydrocarbon with a kinematic viscosity of 20.5 mm²/s or less at 40 °C.

Acrylamide

CAS: 79-06-1

Acute toxicity

Oral

The substance is classified in category 3 according to harmonized classification.

LD₅₀ = 354 mg/kg (rat, female, EU Method B.1).

ATE = 100 mg/kg (for calculation by additive formula).

Dermal

Based on available data, the classification criteria are not met.

LD₅₀ = 1 141 mg/kg (rabbit, OECD 402).

Inhalation

The substance is classified in category 4 according to harmonized classification.

LC₀ = 12.1 mg/l (aerosol, rat, 4 hrs., no death is observed, OECD 433).

ATE = 1.5 mg/l (for calculation by additive formula, aerosol).

Skin corrosion/irritation

The substance is classified as skin irritant according to harmonized classification.

Mean erythema score = 0 and oedema = 0 (rabbit, 72 hrs., OECD 404).

Serious eye damage/irritation

The substance is classified as eye irritant.

Mean score of corneal opacity = 2 (fully reversible after 14 days), iritis = 1 (fully reversible after 21 days), conjunctival redness = 2 (fully reversible after 14 days), conjunctival oedema = 1.66 (fully reversible after 14 days) (rabbit, 72 h, OECD 405).

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HUMDAKIN – DOG SHAMPOO

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

The substance is classified as skin sensitising in category 1 (guinea pig, OECD 406).

Germ cell mutagenicity

The substance is classified in category 1B.

In vitro:

Negative (OECD 471, OECD 476).

Positive (OECD 473).

In vivo:

Positive (OECD 478).

Carcinogenicity

The substance is classified in category 1B.

NOAEL = 0.5 mg/kg/day (rat, oral, EPA OPP 83-2).

Reproductive toxicity

The substance is classified in category 2.

NOAEL = 2 mg/kg/day (rat, oral, generation P0, OECD 416).

NOAEL = 2 mg/kg/day (rat, oral, generation F1, OECD 416).

NOAEL = 2 mg/kg/day (rat, oral, generation F2, OECD 416).

STOT – single exposure

Data for the substance are not available.

STOT – repeated exposure

The substance is classified in category 1.

NOAEL = 0.5 mg/kg/day (rat, oral, 90 days, OECD 453).

Aspiration hazard

The substance is not a hydrocarbon or a chlorinated hydrocarbon with a kinematic viscosity of 20.5 mm²/s or less at 40 °C.

11.2. Information on other hazards

Mixture does not contain substance(s) meeting the criteria for persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) in accordance with Annex XIII of REACH regulation. The mixture and its substances are not mentioned on the Candidate list for possible inclusion in Annex XIV of REACH at the date of the revision of the safety data sheet and given in the list (established in accordance with Article 59(1) for having endocrine disrupting properties of REACH regulation.

Mixture does not contain the substance(s) identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. There is no other relevant information on adverse health effects that is not required according to the classification criteria set out in CLP Regulation.

SECTION 12: Ecological information

12.1. Toxicity

Mixture

Data for the mixture are not available.

Acute aquatic toxicity

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HUMDAKIN – DOG SHAMPOO

The mixture is not classified as acute aquatic toxicity based on calculation according to the summation method.				
category 1		$\Sigma < 2.0$		
Chronic aquatic toxicity				
The mixture is not classified as chronic aquatic toxicity based on calculation according to the summation method.				
category	1	2	3	4
Σ	0	< 0.2	< 8.0	< 6.2
Betaines, C12-14 (even numbered)-alkyldimethyl			CAS: 66455-29-6	
The substance is classified as Aquatic Chronic 3; H412.				
Fish				
LC ₅₀ , 96 hrs., Danio rerio: 4.44 mg/l (mortality, OECD 203).				
Crustaceans				
EC ₅₀ , 48 hrs., Daphnia Magna: 7.76 mg/l (mobility, OECD 202).				
NOEC, 21 d., Daphnia Magna: 2.99 mg/l (reproduction, OECD 211).				
Algae				
EC ₅₀ , 72 hrs., Pseudokirchneriella subcapitata: 1.7 mg/l (growth rate, OECD 201).				
NOEC, 72 hrs., Pseudokirchneriella subcapitata: 0.38 mg/l (growth rate, OECD 201).				
D-Glucopyranose, oligomeric, C10-16 (even numbered) alkyl glycosides			CAS: 110615-47-9	
The substance is not classified as hazardous for the aquatic environment.				
Fish				
LC ₅₀ , 96 hrs., Danio rerio: 2.95 mg/l (mortality).				
NOEC, 28 d., Danio rerio: 1.8 mg/l (mortality, OECD 204).				
NOEC, 28 d., Danio rerio: 3.2 mg/l (growth, OECD 204).				
Crustaceans				
EC ₅₀ , 48 hrs., Daphnia Magna: 7 mg/l (mobility).				
NOEC, 21 d., Daphnia Magna: 2 mg/l (reproduction, OECD 202).				
NOEC, 21 d., Daphnia Magna: 1 mg/l (mobility, OECD 202).				
Algae				
EC ₅₀ , 72 hrs., Desmodesmus subspicatus: 5 mg/l (biomass).				
EC ₅₀ , 72 hrs., Desmodesmus subspicatus: 12.5 mg/l (growth rate).				
EC ₁₀ , 72 hrs., Desmodesmus subspicatus: 1.45 mg/l (biomass).				
EC ₁₀ , 72 hrs., Desmodesmus subspicatus: 4.15 mg/l (growth rate).				
D-Glucopyranose, oligomers, decyl octyl glycosides			CAS: 68515-73-1	
The substance is not classified as hazardous for the aquatic environment.				
Fish				
LC ₅₀ , 96 hrs., Danio rerio: 100.81 mg/l (mortality, ISO 7346/1-3).				
NOEC, 28 d., Danio rerio: 1.8 mg/l (mortality, OECD 204).				
Crustaceans				

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HUMDAKIN – DOG SHAMPOO

EC₅₀, 48 hrs., Daphnia Magna: > 100 mg/l (mobility, OECD 202).

NOEC, 21 d., Daphnia Magna: 2 mg/l (reproduction, OECD 202).

Algae

EC₅₀, 72 hrs., Desmodesmus subspicatus: 27.22 mg/l (biomass, DIN 38412, part 9).

EC₁₀, 72 hrs., Desmodesmus subspicatus: 21 mg/l (growth rate, DIN 38412, part 9).

EC₁₀, 72 hrs., Desmodesmus subspicatus: 6.25 mg/l (biomass, DIN 38412, part 9).

Reaction mass of 3,7-dimethyloct-7-en-1-yl 3-methylbut-2-enoate and 3,7-dimethyloctyl 3-methyl-2-butenate and citronellyl 3-methylcrotonate

ES: 946-248-1

The substance is classified as Aquatic Acute 1; H400 (M = 10) and Aquatic Chronic 2; H411.

Fish

LC₅₀, 96 hrs., Oncorhynchus mykiss: 4.76 mg/l (cytotoxicity).

NOEC, 7 d., Pimephales promelas: ≥ 0.79 mg/l (mortality, ASTM Method E729).

Crustaceans

EC₅₀, 48 hrs., Daphnia Magna: 0.076 mg/l (mobility, OECD 202).

NOEC, 21 d., Ceriodaphnia dubia: 0.1 mg/l (reproduction, ASTM Method E729).

Algae

EC₅₀, 72 hrs., Pseudokirchneriella subcapitata: > 0.11 mg/l (growth rate, OECD 201).

EC₁₀, 72 hrs., Pseudokirchneriella subcapitata: 0.028 mg/l (growth rate, OECD 201).

NOEC, 72 hrs., Pseudokirchneriella subcapitata: 0.023 mg/l (growth rate, OECD 201).

Acrylamide

CAS: 79-06-1

The substance is not classified as hazardous for the aquatic environment.

Fish

LC₅₀, 96 hrs., Oncorhynchus mykiss: 180 ppm (mortality, OECD 203).

NOEC, 28 d., Cyprinus carpio: 5 000 µg/l (mortality).

Crustaceans

EC₅₀, 48 hrs., Daphnia Magna: 98 mg/l (mortality).

NOEC, 28 d., Americamysis bahia: 4.4 mg/l (reproduction).

Algae

IC₅₀, 72 hrs., Pseudokirchneriella subcapitata: > 100 mg/l (growth rate, OECD 201).

IC₅₀, 72 hrs., Pseudokirchneriella subcapitata: 67.7 mg/l (biomass, OECD 201).

NOEC, 72 hrs., Pseudokirchneriella subcapitata: 56 mg/l (growth rate, OECD 201).

NOEC, 72 hrs., Pseudokirchneriella subcapitata: 32 mg/l (biomass, OECD 201).

12.2. Persistence and degradability

Mixture

Data for the mixture are not available.

Betaines, C12-14 (even numbered)-alkyldimethyl

CAS: 66455-29-6

Readily biodegradable: 63 - 79 % after 28 days (CO₂ evolution, OECD 301 B).

D-Glucopyranose, oligomeric, C10-16 (even numbered) alkyl glycosides

CAS: 110615-47-9

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HUMDAKIN – DOG SHAMPOO

Readily biodegradable: 88 % after 28 days (c = 2 mg/l, O ₂ consumption, OECD 301 D).	
Readily biodegradable: 60 % after 28 days (c = 5 mg/l, O ₂ consumption, OECD 301 D).	
D-Glucopyranose, oligomers, decyl octyl glycosides	CAS: 68515-73-1
Readily biodegradable: 100 % after 28 days (removal of dissolved organic carbon, OECD 301 E).	
Reaction mass of 3,7-dimethyloct-7-en-1-yl 3-methylbut-2-enoate and 3,7-dimethyloctyl 3-methyl-2-butenate and citronellyl 3-methylcrotonate	ES: 946-248-1
Readily biodegradable: 80 % after 28 days (O ₂ consumption, OECD 301 F).	
Acrylamide	CAS: 79-06-1
Readily biodegradable: 100 % after 28 days (O ₂ consumption, OECD 301 D). Data for the substance are not available.	
12.3. Bioaccumulative potential	
Mixture	
Data for the mixture are not available.	
Betaines, C12-14 (even numbered)-alkyldimethyl	CAS: 66455-29-6
log Pow = -0.4 (20 °C, pH = 6.86, EU method A.8).	
D-Glucopyranose, oligomeric, C10-16 (even numbered) alkyl glycosides	CAS: 110615-47-9
log Pow ≤ -0.07 (20 °C, calculation).	
D-Glucopyranose, oligomers, decyl octyl glycosides	CAS: 68515-73-1
log Pow = 1.72 (40 °C, pH = 6.5, EU Method A.8).	
Reaction mass of 3,7-dimethyloct-7-en-1-yl 3-methylbut-2-enoate and 3,7-dimethyloctyl 3-methyl-2-butenate and citronellyl 3-methylcrotonate	ES: 946-248-1
log Pow = 6 - 6.6 (35 °C, pH = 7, OECD 117).	
Acrylamide	CAS: 79-06-1
Data for the substance are not available.	
12.4. Mobility in soil	
Mixture	
Data for the mixture are not available.	
Betaines, C12-14 (even numbered)-alkyldimethyl	CAS: 66455-29-6
K _{oc} = 0.703.	
D-Glucopyranose, oligomeric, C10-16 (even numbered) alkyl glycosides	CAS: 110615-47-9
log K _{oc} = 1.7 (25 °C).	
D-Glucopyranose, oligomers, decyl octyl glycosides	CAS: 68515-73-1
log K _{oc} = 1.7 (25 °C, OECD 121).	
Reaction mass of 3,7-dimethyloct-7-en-1-yl 3-methylbut-2-enoate and 3,7-dimethyloctyl 3-methyl-2-butenate and citronellyl 3-methylcrotonate	ES: 946-248-1
log K _{oc} = 4.1 - 4.6 (25 °C, OECD 121).	
Acrylamide	CAS: 79-06-1
Data for the substance are not available.	

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12.5. Results of PBT and vPvB assessment

Mixture does not contain substance(s) meeting the criteria for persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) in accordance with Annex XIII of REACH Regulation. The mixture and its substances are not mentioned on the Candidate list for possible inclusion in Annex XIV of REACH at the date of the revision of the safety data sheet (established in accordance with Article 59(1) of REACH Regulation.

12.6. Endocrine disrupting properties

The mixture and its substances are not mentioned on the Candidate list for possible inclusion in Annex XIV of REACH at the date of the revision of the safety data sheet (established in accordance with Article 59(1) of REACH Regulation. Mixture does not contain the substance(s) identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

12.7. Other adverse effects

Data are not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods of the substance or mixture and the contaminated packaging

Dispose according to the applicable European and local regulations (eg. in a hazardous waste incinerator). **Do not empty unused product into drainage systems.** Do not contaminate ponds or ditches with the product or used container. Hand over the residual amounts and solutions to a licensed disposal company. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Possible waste code

16 03 05* - organic wastes containing dangerous substances (mixture), 15 01 10* - packaging containing residues of or contaminated by hazardous substances (contaminated packaging).

Physical/chemical properties that may affect waste treatment options

Not known.

Special precautions recommended for waste management

Not known.

Waste legislation

Directive 2008/98/EC on waste and repealing certain Directives, as amended.

SECTION 14: Transport information

This product is not classified as a dangerous for transportation (ADR/RID, IMDG, ICAO/IATA).

14.1. UN number or ID number

Not given.

14.2. UN proper shipping name

Not given.

14.3. Transport hazard class(es)

Not given.

14.4. Packing group

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Not given.

14.5. Environmental hazards

It is not dangerous for the environment during transport.

14.6. Special precautions for user

Not given.

14.7. Maritime transport in bulk according to IMO instruments

Not available.

SECTION 15: Regulatory information

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

Regulation No. 1907/2006/EC, concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals, as amended (REACH)

Regulation No. 1272/2008/EC, on Classification, Labelling and Packaging of substances and mixtures, as amended (CLP)

15.2. Chemical safety assessment

Has not been carried out for mixture.

SECTION 16: Other information

Reason for the revision of the safety data sheet

First edition.

Key or legend to abbreviations and acronyms

Acute Tox. 3	Acute toxicity, cat. 3
Acute Tox. 4	Acute toxicity, cat. 4
Aquatic Acute 1	Acute aquatic hazard, cat. 1
Aquatic Chronic 2	Chronic aquatic hazard, cat. 2
Aquatic Chronic 3	Chronic aquatic hazard, cat. 3
Carc. 1B	Carcinogenicity, cat. 1B
Eye Dam. 1	Serious eye damage, cat. 1
Eye Irrit. 2	Eye irritation, cat. 2
Muta. 1B	Germ cell mutagenicity, cat. 1B
Repr. 2	Reproductive toxicity, cat. 2
Skin Irrit. 2	Skin irritation, cat. 2
Skin Sens. 1	Skin sensitization, cat. 1
STOT RE 1	Specific target organ toxicity - repeated exposure, cat. 1
M	Multiplying factor
ADR	Accord Dangereuses Route
CLP	Regulation No. 1272/2008/EC, on Classification, Labelling and Packaging of substances and mixtures

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DNEL	Derived No Effect Level
ICAO/IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
PBT	Persistent, bioaccumulative, toxic substance
PNEC	Predicted No Effect Concentration
REACH	Regulation No. 1907/2006/EC, concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulation concerning the International Carriage of Dangerous Goods by Rail
STOT	Specific target organ toxicity
vPvB	Very persistent and very bioaccumulative substance

Sources of key data used to compile the Safety Data Sheet

European legislation, manufacturer's safety data sheet, registration dossier of substances.

List of H- and P- phrases

H301	Toxic if swallowed.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H340	May cause genetic defects.
H350	May cause cancer.
H361f	Suspected of damaging fertility.
H372	Causes damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor.
P501	Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Training advice

According to SDS.

Other information

Classification according to data from the manufacturer. The mixture is classified using calculation methods according to Regulation CLP and tests. Use only for the purposes designated by the manufacturer, will prevent health and environmental risks.

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The information in this SDS was obtained from sources, which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

The safety data sheet is created in accordance with Regulation No. 2020/878/EC. There is no additional information in accordance with the local and national legislation of the Member State in the European Union, in the safety data sheet.

The safety data sheet was created by company LACHEPRA s.r.o.