



SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

ROLLEX G-WAX JASMINE

Creation date	15th April 2022	Version	1.0
Revision date			

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

- 1.1. Product identifier**
Substance / mixture
ROLLEX G-WAX JASMINE
mixture
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
Mixture's intended use
Ready to use product, designed for nurturing every type of car paint.
Mixture uses advised against
not available
- 1.3. Details of the supplier of the safety data sheet**
Manufacturer
Name or trade name
Address
VAT Reg No
Phone
E-mail
Web address
TENZI Sp. z o.o.
Skarbimierzycze 20, Dołuje, 72-002
Poland
PL8512583405
+48 91 3119777
info@tenzi.pl
www.tenzi.pl
- Competent person responsible for the safety data sheet**
Name
E-mail
technolog@tenzi.pl
technolog@tenzi.pl
- 1.4. Emergency telephone number**
European emergency number: 112

SECTION 2: Hazards identification

- 2.1. Classification of the substance or mixture**
Classification of the mixture in accordance with Regulation (EC) No 1272/2008
The mixture is classified as dangerous.

Skin Irrit. 2, H315
Eye Dam. 1, H318

Full text of all classifications and hazard statements is given in the section 16.

Most serious adverse effects on human health and the environment
Causes serious eye damage. Causes skin irritation.

- 2.2. Label elements**
Hazard pictogram



Signal word
Danger

Hazardous substances

1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with C18-unsatd. fatty acids, Me sulfates (salts)

Hazard statements

H315 Causes skin irritation.
H318 Causes serious eye damage.

Precautionary statements

P280 Wear eye protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.



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P310

Immediately call a doctor.

P501

Dispose of container to properly labeled waste containers in accordance with national regulations.

Supplemental information

EUH208

Contains hexyl cinnamal. May produce an allergic reaction.

5-<15 % cationic surfactants, <5 % aliphatic hydrocarbons, perfumes, Benzyl salicylate, Linalool, Hexyl cinnamal

2.3. Other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture of substances and additives specified below.

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
Index: 603-096-00-8 CAS: 112-34-5 EC: 203-961-6 Registration number: 01-2119475104-44-XXXX	2-(2-butoxyethoxy)ethanol	<10	Eye Irrit. 2, H319	2, 3
Index: 603-014-00-0 CAS: 111-76-2 EC: 203-905-0	2-butoxyethanol	<8	Acute Tox. 4, H302+H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Specific concentration limit: ATE Oral = 1200 mg/kg bw	2
CAS: 1474044-71-7 EC: 939-685-4 Registration number: 01-2119983493-26-XXXX	1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with C18-unsatd. fatty acids, Me sulfates (salts)	<7	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412	
EC: 919-857-5 Registration number: 01-2119463258-33-XXXX	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	<1,5	Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H336 EUH066	
Index: 607-002-00-6 CAS: 64-19-7 EC: 200-580-7	acetic acid 50%	<0,6	Flam. Liq. 3, H226 Skin Corr. 1A, H314 Specific concentration limit: Skin Corr. 1A, H314: C ≥ 90 % Skin Irrit. 2, H315: 10 % ≤ C < 25 % Skin Corr. 1B, H314: 25 % ≤ C < 90 % Eye Irrit. 2, H319: 10 % ≤ C < 25 %	1, 2
CAS: 101-86-0 EC: 202-983-3 Registration number: 01-2119533092-50-XXXX	hexyl cinnamal	<0,19	Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 2, H411	



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Notes

- 1 Note B: Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: 'nitric acid ... %'. In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.
- 2 Substance with a Union workplace exposure limit.
- 3 The use of the substance is restricted by Annex XVII of REACH Regulation

Full text of all classifications and hazard statements is given in the section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.

If inhaled

Terminate the exposure immediately; move the affected person to fresh air.

If on skin

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible. Soap, soap solution or shampoo should be used if there is no skin injury. Provide medical treatment if skin irritation persists.

If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. No neutralization should be performed in any case! Rinsing should be continued for 10-30 minutes from the inner to the outer eye corner to make sure that the other eye is not involved. Depending on the situation, call medical rescue service or ensure medical treatment as promptly as possible. Everyone must be referred for treatment even if affected only a little.

If swallowed

DO NOT INDUCE VOMITING - even the induced vomiting can cause complications as in case of detergents and other foaming substances.

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

If inhaled

Inhaling vapours can cause corrosion of the breathing system.

If on skin

Causes skin irritation.

If in eyes

Causes serious eye damage.

If swallowed

Corrosion of the digestion system can occur.

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

Symptomatic treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

Unsuitable extinguishing media

Water - full jet.

5.2. Special hazards arising from the substance or mixture

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

5.3. Advice for firefighters

Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Use a self-contained breathing apparatus and full-body protective clothing. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.



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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8.

6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

6.3. Methods and material for containment and cleaning up

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. In the event of leakage of the substantial amount of the product, inform fire brigade and other competent bodies. After removal of the product, wash the contaminated site with plenty of water. Do not use solvents.

6.4. Reference to other sections

See the Section 7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Prevent formation of gases and vapours in concentrations exceeding the occupational exposure limits. Wash hands and exposed parts of the body thoroughly after handling. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection.

7.2. Conditions for safe storage, including any incompatibilities

Store in a tightly closed, original plastic container (high density polyethylene HDPE). Store this product in a dry environment that will be maintained at 5°C - 35°C temperature with a good ventilation system and an easy washable, nonabsorbable alkaline resistant floor. DO NOT expose the product to sunlight and keep away from heat, frost, sparks, flame and source of ignition.

Storage temperature

min 5 °C, max 35 °C

7.3. Specific end use(s)

not available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

The mixture contains substances for which occupational exposure limits are set.

European Union

Commission Directive (EU) 2017/164

Substance name (component)	Type	Value	Note
acetic acid 50% (CAS: 64-19-7)	OEL 8 hours	25 mg/m ³	
	OEL 8 hours	10 ppm	
	OEL 15 minutes	50 mg/m ³	
	OEL 15 minutes	20 ppm	

European Union

Commission Directive 2000/39/EC

Substance name (component)	Type	Value	Note
2-butoxyethanol (CAS: 111-76-2)	OEL 8 hours	98 mg/m ³	Skin
	OEL 8 hours	20 ppm	
	OEL 15 minutes	246 mg/m ³	
	OEL 15 minutes	50 ppm	

European Union

Commission Directive 2006/15/EC

Substance name (component)	Type	Value	Note
2-(2-butoxyethoxy)ethanol (CAS: 112-34-5)	OEL 8 hours	67,5 mg/m ³	



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European Union

Commission Directive 2006/15/EC

Substance name (component)	Type	Value	Note
2-(2-butoxyethoxy)ethanol (CAS: 112-34-5)	OEL 8 hours	10 ppm	
	OEL 15 minutes	101,2 mg/m ³	
	OEL 15 minutes	15 ppm	

DNEL

1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with C18-unsatd. fatty acids, Me sulfates (salts)

Workers / consumers	Route of exposure	Value	Effect	Determining method	Source
Workers	Inhalation	36.35 mg/m ³	Local chronic effects		SDS
Workers	Dermal	52.08 mg/kg bw/day	Local chronic effects		SDS
Consumers	Inhalation	10.85 mg/m ³	Local chronic effects		SDS
Consumers	Dermal	31.25 mg/kg bw/day	Local chronic effects		SDS
Consumers	Oral	6.25 mg/kg bw/day	Local chronic effects		SDS

2-(2-butoxyethoxy)ethanol

Workers / consumers	Route of exposure	Value	Effect	Determining method	Source
Workers	Dermal	20 mg/kg	Systemic chronic effects		SDS
Workers	Inhalation	67.5 mg/l	Systemic chronic effects		SDS
Workers	Inhalation	67.5 mg/l	Local chronic effects		SDS
Consumers	Inhalation	50.6 mg/l	Local acute effects		SDS
Consumers	Dermal	10 mg/kg	Systemic chronic effects		SDS
Consumers	Inhalation	3 mg/l	Systemic chronic effects		SDS
Consumers	Oral	1.25 mg/kg	Systemic chronic effects		SDS
Consumers	Inhalation	34 mg/l	Local chronic effects		SDS

PNEC

1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with C18-unsatd. fatty acids, Me sulfates (salts)

Route of exposure	Value	Determining method	Source
Drinking water	0.054 mg/l		SDS
Freshwater sediment	5.54 mg/kg		SDS
Seawater	0.005 mg/l		SDS
Microorganisms in wastewater treatment plants	1 mg/l		SDS
Soil (agricultural)	1.08 mg/kg		SDS

2-(2-butoxyethoxy)ethanol

Route of exposure	Value	Determining method	Source
Drinking water	1 mg/l		SDS
Seawater	0.1 mg/l		SDS
Freshwater sediment	4 mg/kg		SDS
Sea sediments	0.4 mg/kg		SDS



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2-(2-butoxyethoxy)ethanol

Route of exposure	Value	Determining method	Source
Soil (agricultural)	0.4 mg/kg		SDS
Microorganisms in wastewater treatment plants	200 mg/l		SDS
Oral	56 mg/kg		SDS

8.2. Exposure controls

Follow the usual measures intended for health protection at work and especially for good ventilation. This can be achieved only by local suction or efficient general ventilation. Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

Eye/face protection

Protective goggles or face shield (based on the nature of the work performed).

Skin protection

When handling in long-term or repeatedly, use protective gloves. Contaminated skin should be washed thoroughly.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Thermal hazard

Data not available.

Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	liquid
Colour	pink
Odour	characteristic of the composition used for
Melting point/freezing point	data not available
Boiling point or initial boiling point and boiling range	data not available
Flammability	data not available
Lower and upper explosion limit	data not available
Flash point	data not available
Auto-ignition temperature	data not available
Decomposition temperature	data not available
pH	5 (undiluted)
Kinematic viscosity	data not available
Solubility in water	soluble
Partition coefficient n-octanol/water (log value)	data not available
Vapour pressure	data not available
Density and/or relative density	
Density	0,970-1,010 g/cm ³
Relative vapour density	data not available
Particle characteristics	data not available
Form	liquid

9.2. Other information

not available

SECTION 10: Stability and reactivity

10.1. Reactivity

not available

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

Unknown.



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10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

SECTION 11: Toxicological information

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

Inhalation of solvent vapors above values exceeding exposure limits for working environment may result in acute inhalation poisoning, depending on the level of concentration and exposure time. No toxicological data is available for the mixture.

Acute toxicity

Based on available data the classification criteria are not met.

1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with C18-unsatd. fatty acids, Me sulfates (salts)

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex	Determining method	Source
Oral	LD ₅₀	OECD 423	>2000 mg/kg		Mouse			karta charakt erystyki
Dermal	LD ₅₀	OECD 402	>2000 mg/kg		Rabbit			karta charakt erystyki

2-(2-butoxyethoxy)ethanol

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex	Determining method	Source
Oral	LD ₅₀		2410 mg/kg		Mouse			SDS
Dermal	LD ₅₀		2764 mg/kg		Rabbit			SDS

2-butoxyethanol

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex	Determining method	Source
Oral	ATE		1200 mg/kg bw					

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex	Determining method	Source
Oral	LD ₅₀	OECD 401	>5000 mg/kg		Rat (Rattus norvegicus)		Based on evidence	karta charakt erystyki
Dermal	LD ₅₀	OECD 402	>5000 mg/kg		Rabbit		Based on evidence	karta charakt erystyki
Inhalation	LC ₅₀	OECD 403	>4951 mg/m ³	4 hour	Rat (Rattus norvegicus)		Based on evidence	karta charakt erystyki

Skin corrosion/irritation

Causes skin irritation.

1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with C18-unsatd. fatty acids, Me sulfates (salts)

Route of exposure	Result	Method	Time of exposure	Species	Determining method	Source
Skin	Irritating	OECD 404		Rabbit		karta charakterystyki



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Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Route of exposure	Result	Method	Time of exposure	Species	Determining method	Source
Skin	Irritating	OECD 404			Based on evidence	karta charakterystyki

Serious eye damage/irritation

Causes serious eye damage.

1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with C18-unsatd. fatty acids, Me sulfates (salts)

Route of exposure	Result	Method	Time of exposure	Species	Determining method	Source
Eye	Serious eye damage	OECD 405				karta charakterystyki

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Route of exposure	Result	Method	Time of exposure	Species	Determining method	Source
Eye	Slightly irritating	OECD 405			Based on evidence	karta charakterystyki

Respiratory or skin sensitisation

Based on available data the classification criteria are not met.

1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with C18-unsatd. fatty acids, Me sulfates (salts)

Route of exposure	Result	Method	Time of exposure	Species	Sex	Determining method	Source
	No effect			Guinea-pig (Cavia aperea f. porcellus)			karta charakterystyki

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Route of exposure	Result	Method	Time of exposure	Species	Sex	Determining method	Source
Dermal	No effect	OECD 406				Based on evidence	karta charakterystyki

Germ cell mutagenicity

Based on available data the classification criteria are not met.

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Result	Method	Time of exposure	Specific target organ	Species	Sex	Determining method	Source
No effect	OECD 471					Based on evidence	karta charakterystyki

Carcinogenicity

Based on available data the classification criteria are not met.

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Route of exposure	Parameter	Method	Value	Result	Species	Sex	Determining method	Source
		OECD 453		No carcinogenic effect, Not carcinogenic			Based on evidence	karta charakterystyki



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Reproductive toxicity

Based on available data the classification criteria are not met.

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Effect	Parameter	Method	Value	Result	Species	Sex	Determining method	Source
		OECD 414		No effect			Based on evidence	karta charakterystyki

Toxicity for specific target organ - single exposure

Based on available data the classification criteria are not met.

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Route of exposure	Parameter	Value	Result	Species	Sex	Determining method	Source
			Drowsiness, Dizziness			Based on evidence	karta charakterystyki

Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Route of exposure	Parameter	Method	Value	Result	Species	Sex	Determining method	Source
		OECD 408		No effect			Based on evidence	karta charakterystyki

Repeated dose toxicity

1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with C18-unsatd. fatty acids, Me sulfates (salts)

Route of exposure	Parameter	Result	Method	Value	Time of exposure	Species	Sex	Source
Oral	NOAEL		OECD 407	500 mg/kg	28 day	Rat (Rattus norvegicus)		karta charakterystyki

Aspiration hazard

Based on available data the classification criteria are not met.

11.2. Information on other hazards

not available

SECTION 12: Ecological information

12.1. Toxicity

Acute toxicity

1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with C18-unsatd. fatty acids, Me sulfates (salts)

Parameter	Method	Value	Time of exposure	Species	Environment	Determining method	Source
LC ₅₀	OECD 203	>10 mg/l	96 hour	Fishes			karta charakterystyki
EC ₅₀	OECD 202	>8.6 mg/l	48 hour	Daphnia (Daphnia magna)			karta charakterystyki
NOEC	OECD 201	0.39 mg/l	72 hour	Algae (Pseudokirchneriella subcapitata)			karta charakterystyki
EC ₅₀	OECD 201	1.2 mg/l	72 hour	Algae (Selenastrum capricornutum)			karta charakterystyki



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1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with C18-unsatd. fatty acids, Me sulfates (salts)

Parameter	Method	Value	Time of exposure	Species	Environment	Determining method	Source
EC20		10 mg/l	6 day		Activated sludge		karta charakterystyki
EC50		100 mg/l	6 day	Microorganisms (Photobacterium phosphoreum)	Activated sludge		karta charakterystyki

2-(2-butoxyethoxy)ethanol

Parameter	Method	Value	Time of exposure	Species	Environment	Determining method	Source
LC50		1300 mg/l		Fishes (Lepomis macrochirus)			SDS
EC50		>100 mg/l		Aquatic invertebrates (Daphnia magna)			SDS
EC50	OECD 201	>100 mg/l		Algae (Scenedesmus subspicatus)			SDS
EC 10	OECD 209	>1995 mg/l					SDS

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Parameter	Method	Value	Time of exposure	Species	Environment	Determining method	Source
EL0		1000 mg/l	48 hour	Invertebrates (Daphnia magna)		Based on evidence	karta charakterystyki
NOELR		100 mg/l	72 hour	Aquatic microorganisms (Pseudokirchneriella subcapitata)		Based on evidence	karta charakterystyki
LL50		>1000 mg/l	96 hour	Fishes (Oncorhynchus mykiss)		Based on evidence	karta charakterystyki

Chronic toxicity

1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with C18-unsatd. fatty acids, Me sulfates (salts)

Parameter	Method	Value	Time of exposure	Species	Environment	Source
NOEC		0.686 mg/l	35 day	Fishes (Pimephales promelas)		karta charakterystyki
NOEC	EPA OTS 797.1330	1 mg/l	21 day	Daphnia (Daphnia magna)		karta charakterystyki

12.2. Persistence and degradability

Biodegradability

1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with C18-unsatd. fatty acids, Me sulfates (salts)

Parameter	Method	Value	Time of exposure	Environment	Determining method	Result	Source
	OECD 301F	60 %				Easily biodegradable	karta charakterystyki



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Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Parameter	Method	Value	Time of exposure	Environment	Determining method	Result	Source
					Based on evidence	Biodegradable	karta charakterystyki

Surfactants are biodegradable according to the European Parliament and Council Regulation (EC) No. 648/2004 on detergents, as amended.

12.3. Bioaccumulative potential

Data not available.

12.4. Mobility in soil

Data not available.

12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

12.6. Endocrine disrupting properties

The mixture does not contain substances with 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 not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

Waste type code

07 06 04 other organic solvents, washing liquids and mother liquors *

Packaging waste type code

15 01 02 plastic packaging

(*) - Hazardous waste according to Directive 2008/98/EC on hazardous waste

SECTION 14: Transport information

14.1. UN number or ID number

not subject to transport regulations

14.2. UN proper shipping name

not relevant

14.3. Transport hazard class(es)

not relevant

14.4. Packing group

not relevant

14.5. Environmental hazards

No

14.6. Special precautions for user

Reference in the Sections 4 to 8.

14.7. Maritime transport in bulk according to IMO instruments

not relevant



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Revision date

15th April 2022

Version

1.0

SECTION 15: Regulatory information

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

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006, as amended. REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents, as amended.

Restrictions pursuant to Annex XVII of Regulation (EC) No. 1907/2006 (REACH), as amended

2-(2-butoxyethoxy)ethanol

Restriction	Conditions of restriction
55	<p>1. Shall not be placed on the market for the first time after 27 June 2010, for supply to the general public, as a constituent of spray paints or spray cleaners in aerosol dispensers in concentrations equal to or greater than 3 % by weight.</p> <p>2. Spray paints and spray cleaners in aerosol dispensers containing DEGBE and not conforming to paragraph 1 shall not be placed on the market for supply to the general public after 27 December 2010.</p> <p>3. Without prejudice to other Community legislation concerning the classification, packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that paints other than spray paints containing DEGBE in concentrations equal to or greater than 3 % by weight of that are placed on the market for supply to the general public are visibly, legibly and indelibly marked by 27 December 2010 as follows:</p> <p>"Do not use in paint spraying equipment".</p>

15.2. Chemical safety assessment

Chemical safety assessment has not been carried out for the mixture.

2-(2-butoxyethoxy)ethanol: A Chemical Safety Assessment has been carried out
ethyleneglycol monobutyl ether: A Chemical Safety Assessment has been carried out.

1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with C18-unsatd. fatty acids, Me sulfates (salts): A Chemical Safety Assessment has been carried out

Acetic acid 50%: the manufacturer has performed a chemical safety assessment

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclical, <2% aroma: A Chemical Safety Assessment has been carried out.

Hexyl cinnamal: no data available

SECTION 16: Other information

A list of standard risk phrases used in the safety data sheet

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
H302+H332	Harmful if swallowed or if inhaled.

Guidelines for safe handling used in the safety data sheet

P280	Wear eye protection.
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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 doctor.

P501

Dispose of container to properly labeled waste containers in accordance with national regulations.

A list of additional standard phrases used in the safety data sheet

EUH208

Contains hexyl cinnamal. May produce an allergic reaction.

EUH066

Repeated exposure may cause skin dryness or cracking.

Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

Key to abbreviations and acronyms used in the safety data sheet

ADR

European agreement concerning the international carriage of dangerous goods by road

BCF

Bioconcentration Factor

CAS

Chemical Abstracts Service

CE₅₀

Concentration of a substance when it is affected 50% of the population

CLP

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures

DNEL

Derived no-effect level

EINECS

European Inventory of Existing Commercial Chemical Substances

EmS

Emergency plan

EuPCS

European Product Categorisation System

IATA

International Air Transport Association

IBC

International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals

ICAO

International Civil Aviation Organization

IMDG

International Maritime Dangerous Goods

INCI

International Nomenclature of Cosmetic Ingredients

ISO

International Organization for Standardization

IUPAC

International Union of Pure and Applied Chemistry

LC₅₀

Lethal concentration of a substance in which it can be expected death of 50% of the population

LD₅₀

Lethal dose of a substance in which it can be expected death of 50% of the population

LL₅₀

Lethal Loading for 50% of tested organisms

log K_{ow}

Octanol-water partition coefficient

LZO

Volatile organic compounds

MARPOL

International Convention for the Prevention of Pollution from Ships

NOAEL

No observed adverse effect level

NOEC

No observed effect concentration

NOEL

No observed effect level

NOELR

No Observed Effect Loading Rate

OEL

Occupational Exposure Limits

PBT

Persistent, Bioaccumulative and Toxic

PNEC

Predicted no-effect concentration

ppm

Parts per million

REACH

Registration, Evaluation, Authorisation and Restriction of Chemicals

RID

Agreement on the transport of dangerous goods by rail

UE

European Union

UN

Four-figure identification number of the substance or article taken from the UN Model Regulations

UVCB

Substances of unknown or variable composition, complex reaction products or biological materials

vPvB

Very Persistent and very Bioaccumulative

WE

Identification code for each substance listed in EINECS



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Acute Tox.	Acute toxicity
Aquatic Acute	Hazardous to the aquatic environment
Aquatic Chronic	Hazardous to the aquatic environment (chronic)
Asp. Tox.	Aspiration hazard
Eye Dam.	Serious eye damage
Eye Irrit.	Eye irritation
Flam. Liq.	Flammable liquid
Skin Corr.	Skin corrosion
Skin Irrit.	Skin irritation
Skin Sens.	Skin sensitization
STOT SE	Specific target organ toxicity - single exposure

Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

not available

Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended.
REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

More information

Classification procedure - calculation method.

Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.