

ZAPACHOWE GRANULKI DO ODKURZACZA - LAWENDA - FRESHTEKCreation date 04th August 2025
Revision date Version 1.0**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

- 1.1. Product identifier** ZAPACHOWE GRANULKI DO ODKURZACZA - LAWENDA - FRESHTEK
Substance / mixture mixture
UFI 5000-AOPG-V00C-25E8
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
Mixture's intended use
Scented granules.
Mixture uses advised against
The product should not be used in ways other than those referred in Section 1.
- 1.3. Details of the supplier of the safety data sheet**
Supplier
Name or trade name FRESHTEK JACEK CHOJNACKI
Address ul.Tomasza Edisona 24, Gdańsk, 80-172
Poland
Phone +48 501 621 440
E-mail jacek.freshtek@gmail.com
Competent person responsible for the safety data sheet
Name FRESHTEK JACEK CHOJNACKI
E-mail jacek.freshtek@gmail.com
- 1.4. Emergency telephone number**
+48 501 621 440 (8-16)
Europejski numer alarmowy: 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
Skin Sens. 1B, H317
Eye Irrit. 2, H319
Aquatic Chronic 2, H411
Most serious adverse effects on human health and the environment
Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Toxic to aquatic life with long lasting effects.

- 2.2. Label elements**
Hazard pictogram

**Signal word**
Warning

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Hazardous substances

linalool
 linalyl acetate
 coumarin
 (R)-p-mentha-1,8-diene
 cineole
 citronellol
 terpinolene
 lavender, lavandula angustifolia angustifolia, ext.
 geraniol
 d-limonene
 nerol
 eugenol

Hazard statements

H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 H319 Causes serious eye irritation.
 H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P102 Keep out of reach of children.
 P273 Avoid release to the environment.
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
 P337+P313 If eye irritation persists: Get medical advice/attention.
 P501 Dispose of contents/container to in accordance with local regulations.

2.3. Other hazards

The endocrine-disrupting properties of the mixture have not been studied. 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. Does not contain any PMT or vPvM components. Dust may form explosive mixture with air.

SECTION 3: Composition/information on ingredients
3.2. Mixtures
Chemical characterization

100% natural granules enriched with a fragrance composition based on essential oils.

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
CAS: 78-70-6 EC: 201-134-4 Registration number: 01-2119474016-42	linalool	3.09-5.7	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319	
CAS: 115-95-7 EC: 204-116-4 Registration number: 01-2119454789-19	linalyl acetate	1.03-1.99	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319	
CAS: 91-64-5 EC: 202-086-7	coumarin	1.03-1.99	Acute Tox. 3, H301+H311+H331 Skin Sens. 1, H317 Aquatic Chronic 2, H411	
Index: 601-096-00-2 CAS: 5989-27-5 EC: 227-813-5 Registration number: 01-2119529223-47-XXXX	(R)-p-mentha-1,8-diene	0.62-1.43	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)	1

SAFETY DATA SHEET

legal basis:
COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to
Regulation (EC) No 1907/2006 of the European Parliament and of the Council (REACH)

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Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
CAS: 76-22-2 EC: 200-945-0	camphor	0.2-0.86	Flam. Sol. 2, H228 Acute Tox. 4, H302+H332 STOT SE 2, H371	
CAS: 470-82-6 EC: 207-431-5 Registration number: 01-2119967772-24	cineole	0.2-0.86	Flam. Liq. 3, H226 Skin Sens. 1B, H317	
CAS: 7212-44-4 EC: 230-597-5 Registration number: 01-2119967772-24	nerolidol	0.2-0.86	Eye Irrit. 2, H319 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)	
CAS: 106-22-9 EC: 203-375-0 Registration number: 01-2119453995-23	citronellol	0.2-0.86	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319	
CAS: 586-62-9 EC: 209-578-0	terpinolene	0.1-0.29	Asp. Tox. 1, H304 Skin Sens. 1B, H317 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)	
CAS: 84776-65-8 EC: 283-994-0	lavender, lavandula angustifolia angustifolia, ext.	0.1-0.29	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319 Aquatic Chronic 3, H412	
Index: 603-241-00-5 CAS: 106-24-1 EC: 203-377-1 Registration number: 01-2119552430-49	geraniol	0.1-0.29	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Dam. 1, H318	
Index: 601-096-00-2 CAS: 5989-27-5 EC: 227-813-5	d-limonene	0.05-0.14	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 3, H412	1
CAS: 106-25-2 EC: 203-378-7	nerol	0.05-0.14	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319	
CAS: 97-53-0 EC: 202-589-1	eugenol	0.05-0.14	Skin Sens. 1B, H317 Eye Irrit. 2, H319	
Index: 607-130-00-2 CAS: 123-92-2 EC: 204-662-3 Registration number: 01-2119548408-32	isopentyl acetate	<0.0009	Flam. Liq. 3, H226 EUH066	1, 2

Notes

- 1 *Note C: Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.*
- 2 *A substance for which exposure limits are set.*

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

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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

Not relevant due to the application.

If on skin

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. Rinsing should continue at least for 10 minutes. Provide medical treatment, specialized if possible.

If swallowed

Rinse out the mouth with water and provide 2-5 dL of water. Provide medical treatment if the person has any health problems.

4.2. Most important symptoms and effects, both acute and delayed**If inhaled**

Not expected.

If on skin

May cause an allergic skin reaction.

If in eyes

Causes serious eye irritation.

If swallowed

Mucosal irritation. Irritation, nausea.

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

Symptomatic treatment.

More information

Other relevant information is not available.

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 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.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Follow the instructions in the Sections 7 and 8. Prevent contact with skin and eyes.

6.2. Environmental precautions

Do not allow to enter drains. Prevent contamination of the soil and entering surface or ground water.

6.3. Methods and material for containment and cleaning up

Place the product mechanically in an appropriate manner. Dispose of the collected material according to the instructions in the section 13.

6.4. Reference to other sections

See the Section 7, 8 and 13.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Prevent contact with skin and eyes. Observe valid legal regulations on safety and health protection. Avoid release to the environment.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose.

7.3. Specific end use(s)

Apart from the already mentioned guidelines, it is not necessary to follow any specific recommendations for the use of this product.

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 2000/39/EC

Substance name (component)	Type	Value
isopentyl acetate (CAS: 123-92-2)	OEL 8 hours	270 mg/m ³
	OEL 8 hours	50 ppm
	OEL 15 minutes	540 mg/m ³
	OEL 15 minutes	100 ppm

DNEL

(R)-p-mentha-1,8-diene			
Workers / consumers	Route of exposure	Value	Effect
Workers (0)	Dermal	9.5 mg/kg	Chronic effects systemic
Workers (0)	Inhalation	66.7 mg/m ³	Chronic effects systemic
Consumers (0)	Inhalation	16.6 mg/m ³	Chronic effects systemic
Consumers (0)	Dermal	4.8 mg/kg	Chronic effects systemic
Consumers (0)	Oral	4.8 mg/kg	Chronic effects systemic

coumarin			
Workers / consumers	Route of exposure	Value	Effect
Workers (0)	Dermal	0.79 mg/kg	Chronic effects systemic
Workers (0)	Inhalation	6.78 mg/m ³	Chronic effects systemic
Consumers (0)	Inhalation	1.69 mg/m ³	Chronic effects systemic
Consumers (0)	Dermal	0.39 mg/kg	Chronic effects systemic
Consumers (0)	Oral	0.39 mg/kg	Chronic effects systemic

eugenol			
Workers / consumers	Route of exposure	Value	Effect
Workers (0)	Dermal	6 mg/kg	Chronic effects systemic
Workers (0)	Inhalation	21.2 mg/m ³	Chronic effects systemic
Consumers (0)	Inhalation	5.22 mg/m ³	Chronic effects systemic
Consumers (0)	Dermal	3 mg/kg	Chronic effects systemic
Consumers (0)	Oral	3 mg/kg	Chronic effects systemic

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geraniol			
Workers / consumers	Route of exposure	Value	Effect
Workers	Dermal	12.5 mg/kg	Chronic effects systemic
Workers	Inhalation	161.6 mg/m ³	Chronic effects systemic
Consumers	Oral	13.75 mg/kg	Chronic effects systemic
Consumers	Dermal	7.5 mg/kg	Chronic effects systemic
Consumers	Inhalation	47.8 mg/m ³	Chronic effects systemic

isopentyl acetate			
Workers / consumers	Route of exposure	Value	Effect
Workers	Inhalation	20.8 mg/m ³	Chronic effects systemic
Workers	Dermal	2.95 mg/kg	Chronic effects systemic
Consumers	Inhalation	5.1 mg/m ³	Chronic effects systemic
Consumers	Dermal	1.47 mg/kg	Chronic effects systemic
Consumers	Oral	1.47 mg/kg	Chronic effects systemic

linalool			
Workers / consumers	Route of exposure	Value	Effect
Workers (0)	Dermal	5 mg/kg	Acute effects systemic
Workers (0)	Dermal	2.5 mg/kg	Chronic effects systemic
Workers (0)	Inhalation	2.8 mg/m ³	Chronic effects systemic
Workers (0)	Inhalation	16.5 mg/m ³	Acute effects systemic
Consumers (0)	Dermal	2.5 mg/kg	Acute effects systemic
Consumers (0)	Dermal	1.25 mg/kg	Chronic effects systemic
Consumers (0)	Inhalation	0.7 mg/m ³	Chronic effects systemic
Consumers (0)	Inhalation	4.1 mg/m ³	Acute effects systemic
Consumers (0)	Oral	1.2 mg/kg	Acute effects systemic
Consumers (0)	Oral	0.2 mg/kg	Chronic effects systemic

linalyl acetate			
Workers / consumers	Route of exposure	Value	Effect
Workers	Dermal	2.5 mg/kg	Chronic effects systemic
Workers	Inhalation	2.75 mg/m ³	Chronic effects systemic
Consumers	Oral	0.2 mg/kg	Chronic effects systemic
Consumers	Inhalation	0.68 mg/m ³	Chronic effects systemic
Consumers	Dermal	1.25 mg/kg	Chronic effects systemic

PNEC

(R)-p-mentha-1,8-diene		
Route of exposure	Value	Source
Microorganisms in sewage treatment	1.8 mg/l	
Drinking water	0.014 mg/l	
Marine water	0.0014 mg/l	
Soil (agricultural)	0.763 mg/kg	
Freshwater sediment	3.85 mg/kg	
Sea sediments	0.385 mg/kg	
Oral	133 mg/kg	

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coumarin		
Route of exposure	Value	Source
Microorganisms in sewage treatment	6.4 mg/l	
Drinking water	0.019 mg/l	
Marine water	0.0019 mg/l	
Water (intermittent release)	0.0142 mg/l	
Soil (agricultural)	0.018 mg/kg	
Freshwater sediment	0.15 mg/kg	
Sea sediments	0.015 mg/kg	
Oral	0.0307 mg/kg	

eugenol		
Route of exposure	Value	Source
Drinking water	0.00113 mg/l	
Marine water	0.000113 mg/l	
Water (intermittent release)	0.0113 mg/l	
Soil (agricultural)	0.015 mg/kg	
Freshwater sediment	0.081 mg/kg	
Sea sediments	0.0081 mg/kg	

geraniol		
Route of exposure	Value	Source
Microorganisms in sewage treatment	0.7 mg/l	
Drinking water	0.011 mg/l	
Soil (agricultural)	0.017 mg/kg	
Marine water	0.001 mg/l	
	0.108 mg/l	Sporadyczne
Freshwater sediment	0.115 mg/kg	
Sea sediments	0.011 mg/kg	

isopentyl acetate		
Route of exposure	Value	Source
Drinking water	0.022 mg/l	
Microorganisms in sewage treatment	30 mg/l	
Marine water	0.0022 mg/l	
Water (intermittent release)	0.22 mg/l	
Soil (agricultural)	4.15 mg/kg	
Freshwater sediment	17.87 mg/kg	
Sea sediments	1.787 mg/kg	

linalool		
Route of exposure	Value	Source
Microorganisms in sewage treatment	10 mg/l	
Soil (agricultural)	0.327 mg/kg	
Water (intermittent release)	2 mg/l	
Oral	0.0078 mg/kg	
Drinking water	0.2 mg/l	
Marine water	0.020 mg/l	

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linalool		
Route of exposure	Value	Source
Freshwater sediment	2.22 mg/kg	
Sea sediments	0.222 mg/kg	

linalyl acetate		
Route of exposure	Value	Source
Microorganisms in sewage treatment	10 mg/l	
Drinking water	0.011 mg/l	
Marine water	0.0011 mg/l	
Water (intermittent release)	0.11 mg/l	
Soil (agricultural)	.115 mg/kg	
Freshwater sediment	0.609 mg/kg	
Sea sediments	0.0609 mg/kg	

8.2. Exposure controls

Non applicable.

Eye/face protection

It is not needed.

Skin protection

Not required for normal use.

Respiratory protection

It is not needed.

Thermal hazard

Unknown.

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	solid
Colour	not determined
Odour	pleasant
Melting point/freezing point	not determined
Boiling point or initial boiling point and boiling range	not applicable
Flammability	non-inflammable
Lower and upper explosion limit	not applicable
Flash point	not determined
Auto-ignition temperature	not applicable
Decomposition temperature	not determined
pH	data not available
Kinematic viscosity	not applicable
Solubility in water	not determined
Partition coefficient n-octanol/water (log value)	not determined
Vapour pressure	not applicable
Density and/or relative density	not determined
Relative vapour density	not applicable
Particle characteristics	not determined
Form	solid: granular, saturated with essential oils and enclosed in a sealed package.

9.2. Other information

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none

SECTION 10: Stability and reactivity

10.1. Reactivity

When used in the standard way, there is not any dangerous reaction with other substances.

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

Unknown.

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

No toxicological effects are expected if occupational exposure limits are not exceeded. 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.

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Route of exposure	Parameter	Value	Exposure time	Species	Sex	Value determination
Oral	ATE	4651 mg/kg				Calculation of value
Dermal	ATE	15152 mg/kg				Calculation of value
Inhalation (dust/mist)	ATE	22.09 mg/l				Calculation of value

(R)-p-mentha-1,8-diene						
Route of exposure	Parameter	Value	Exposure time	Species	Sex	Value determination
Oral	LD ₅₀	4400 mg/kg		Rat		
Dermal	LD ₅₀	5100 mg/kg		Rabbit		

cineole						
Route of exposure	Parameter	Value	Exposure time	Species	Sex	Value determination
		2480 mg/kg		Rat		

eugenol						
Route of exposure	Parameter	Value	Exposure time	Species	Sex	Value determination
Oral	LD ₅₀	2300 mg/kg		Rat		

geraniol						
Route of exposure	Parameter	Value	Exposure time	Species	Sex	Value determination
Oral	LD ₅₀	14500 mg/kg		Rat		
Dermal	LD ₅₀	5610 mg/kg		Rabbit		

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isopentyl acetate						
Route of exposure	Parameter	Value	Exposure time	Species	Sex	Value determination
Oral	LD ₅₀	7400 mg/kg		Rat (Rattus norvegicus)		

linalool						
Route of exposure	Parameter	Value	Exposure time	Species	Sex	Value determination
Oral	LD ₅₀	3000 mg/kg		Rat		
Dermal	LD ₅₀	5610 mg/kg		Rabbit		

linalyl acetate						
Route of exposure	Parameter	Value	Exposure time	Species	Sex	Value determination
Oral	LD ₅₀	14500 mg/kg		Rat		
Dermal	LD ₅₀	5600 mg/kg		Rabbit		

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

Germ cell mutagenicity

Based on available data the classification criteria are not met.

Carcinogenicity

Based on available data the classification criteria are not met.

Reproductive toxicity

Based on available data the classification criteria are not met.

Toxicity for specific target organ - single exposure

Based on available data the classification criteria are not met.

Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

Aspiration hazard

Based on available data the classification criteria are not met.

11.2. Information on other hazards

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.

Other information

not available

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SECTION 12: Ecological information

12.1. Toxicity

Toxic to aquatic life with long lasting effects.

Acute toxicity

(R)-p-mentha-1,8-diene				
Parameter	Value	Exposure time	Species	Environment
EC ₅₀	0.1-1 mg/l	48 hours	Crustaceans	
LC ₅₀	0.1-1 mg/l	96 hours	Fish	
EC ₅₀	0.1-1 mg/l	72 hours	Algae	

coumarin				
Parameter	Value	Exposure time	Species	Environment
EC ₅₀	30 mg/l	48 hours	Daphnia (Daphnia magna)	

eugenol				
Parameter	Value	Exposure time	Species	Environment
LC ₅₀	60.8 mg/l	96 hours	Fish (Oncorhynchus mykiss)	

isopentyl acetate				
Parameter	Value	Exposure time	Species	Environment
EC ₅₀	42 mg/l	48 hours	Daphnia (Daphnia magna)	

linalyl acetate				
Parameter	Value	Exposure time	Species	Environment
LC ₅₀	11 mg/l	96 hours	Fish (Cyprinus carpio)	
LC ₅₀	15 mg/l	48 hours	Crustaceans	
LC ₅₀	62 mg/l	72 hours	Algae (Desmodesmus subspicatus)	

Chronic toxicity

(R)-p-mentha-1,8-diene				
Parameter	Value	Exposure time	Species	Environment
NOEC	0.37 mg/l		Fish (Pimephales promelas)	
NOEC	0.08 mg/l		Crustaceans (Daphnia magna)	

12.2. Persistence and degradability

There are no ecotoxicological data available for the product.

Biodegradability

(R)-p-mentha-1,8-diene				
Parameter	Value	Exposure time	Environment	Result
	100 %	28 days		

coumarin				
Parameter	Value	Exposure time	Environment	Result
	100 %	14 days		

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geraniol				
Parameter	Value	Exposure time	Environment	Result
	70 %	21 days		Easily biodegradable

linalool				
Parameter	Value	Exposure time	Environment	Result
	90 %	28 days		

linalyl acetate				
Parameter	Value	Exposure time	Environment	Result
	80 %	28 days		Easily biodegradable

12.3. Bioaccumulative potential

There are no ecotoxicological data available for the product.

(R)-p-mentha-1,8-diene	
Parameter	Value
BCF	660
Log Pow	4.83

cineole	
Parameter	Value
Log Pow	2.74

coumarin	
Parameter	Value
BCF	10
Log Pow	1.39

eugenol	
Parameter	Value
BCF	31
Log Pow	2.27

geraniol	
Parameter	Value
BCF	110
Log Pow	3.56

isopentyl acetate	
Parameter	Value
BCF	10

linalool	
Parameter	Value
BCF	39

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linalool	
Parameter	Value
Log Pow	2.97

linalyl acetate	
Parameter	Value
BCF	174
Log Pow	4.83

12.4. Mobility in soil

There are no ecotoxicological data available for the product.

(R)-p-mentha-1,8-diene				
Parameter	Value	Temperature	Result	Source
Koc	6324			

coumarin				
Parameter	Value	Temperature	Result	Source
Koc	42			

isopentyl acetate				
Parameter	Value	Temperature	Result	Source
Koc	70		High	
Napięcie powierzchniowe	0.02388	25°C	High	N/m

linalyl acetate				
Parameter	Value	Temperature	Result	Source
Koc	518			

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

Unknown.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

A container that is free of residual product can be treated as a waste that does not pose a hazard. 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 dispose 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.

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Packaging waste type code

15 01 01	paper and cardboard packaging
15 01 02	plastic packaging

SECTION 14: Transport information

14.1. UN number or ID number

UN 3077

14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

14.3. Transport hazard class(es)

9 Miscellaneous dangerous substances and articles

14.4. Packing group

III

14.5. Environmental hazards

Product is an environmental hazard according to the criteria of the UN Model Regulations.

14.6. Special precautions for user

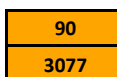
Reference in the Sections 4 to 8.

14.7. Maritime transport in bulk according to IMO instruments

not relevant

Additional information

Hazard identification No.



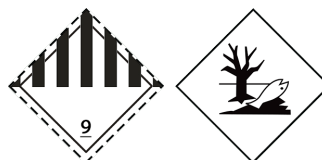
UN number

M7

Classification code

9+hazardous for the environment

Safety signs

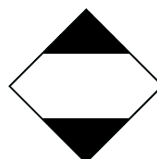


Road transport - ADR

Limited quantities

5 kg

Sign



Tunnel restriction code

(-)

Air transport - ICAO/IATA

Packaging instructions passenger

956

Cargo packaging instructions

956

Marine transport - IMDG

EmS (emergency plan)

F-A, S-F

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 as amended. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

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15.2. Chemical safety assessment

For mixtures, a chemical safety assessment is not required.

More information

Seveso Directive 2012/18/EU (Seveso III): E2 HAZARDOUS TO THE AQUARIC ENVIRONMENT

SECTION 16: Other information

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

EUH066	Repeated exposure may cause skin dryness or cracking.
H226	Flammable liquid and vapour.
H228	Flammable solid.
H301+H311+H331	Toxic if swallowed, in contact with skin or if inhaled.
H302+H332	Harmful if swallowed or if inhaled.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H371	May cause damage to organs.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Guidelines for safe handling used in the safety data sheet

P102	Keep out of reach of children.
P273	Avoid release to the environment.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P501	Dispose of contents/container to in accordance with local regulations.

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

Acute Tox.	Acute toxicity
ADR	Agreement concerning the international carriage of dangerous goods by road
Aquatic Acute	Hazardous to the aquatic environment
Aquatic Chronic	Hazardous to the aquatic environment (chronic)
Asp. Tox.	Aspiration hazard
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
EC	Identification code for each substance listed in EINECS
EC ₅₀	Concentration of a substance when it is affected 50 % of the population
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency plan
EU	European Union
EuPCS	European Product Categorisation System
Eye Dam.	Serious eye damage
Eye Irrit.	Eye irritation
Flam. Liq.	Flammable liquid
Flam. Sol.	Flammable solid
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
ICAO	International Civil Aviation Organization

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IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LC ₅₀	Lethal concentration of a substance in which it can be expected death of 50% of the population
LD ₅₀	Lethal dose of a substance in which it can be expected death of 50% of the population
log Kow	Octanol-water partition coefficient
NOEC	No observed effect concentration
OEL	Occupational Exposure Limits
PBT	Persistent, bioaccumulative and toxic
PMT	Persistent, mobile and toxic
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
Skin Irrit.	Skin irritation
Skin Sens.	Skin sensitization
STOT SE	Specific target organ toxicity - single exposure
UN number	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
VOC	Volatile organic compounds
vPvB	Very persistent and very bioaccumulative
vPvM	Very persistent and very mobile

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

Uses advised against: Any type of use not listed in this Safety Data Sheet.

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.

The changes (which information has been added, deleted or modified)

Version 1.0

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.