

SAFETY DATA SHEET

Aroma Fragrance Jar - Blue Flower

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

1.1. Product identifier

Trade name

Aroma Fragrance Jar - Blue Flower

Unique formula identifier (UFI)

NVNX-12DF-G00C-SV4H

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

Relevant identified uses of the substance or mixture

Cleaning product

Product code (A.I.S.E.)

AISE-C18 / AIR FRESHENERS NON AEROSOL (perfume in/on solid substarte (gel), candles, diffusers (heated) for consumer use.

Use descriptors (REACH)

Sectors of use	Description
LCS "PW"	Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
Product category	Description
PC3	Air care products

Uses advised against

None known.

1.3. Details of the supplier of the safety data sheet

Company and address

Pro-Ren A/S

Springstrup 7

4300 Holbæk

Denmark

+45 70 20 34 60

<http://www.proren.dk/>

Contact person

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E-mail

info@proren.dk

Revision

06/10/2022

SDS Version

2.0

Date of previous version

15/09/2022 (1.0)

1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service).

See section 4 "First aid measures".

SECTION 2: Hazards identification

▼ 2.1. Classification of the substance or mixture

Skin Sens. 1; H317, May cause an allergic skin reaction.

2.2. Label elements

▼ Hazard pictogram(s)



▼ Signal word

Warning

▼ Hazard statement(s)

May cause an allergic skin reaction. (H317)

Safety statement(s)

▼ General

If medical advice is needed, have product container or label at hand. (P101)

Keep out of reach of children. (P102)

▼ Prevention

Wear protective gloves/protective clothing/eye protection/face protection. (P280)

▼ Response

IF ON SKIN: Wash with plenty of water/water and soap. (P302+P352)

Storage

-

▼ Disposal

Dispose of contents/container to an approved waste disposal plant. (P501)

Hazardous substances

linalyl acetate

3,7-dimethylnona-1,6-dien-3-ol

▼ Additional labelling

Not applicable.

2.3. Other hazards

Additional warnings

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

This product does not contain any substances considered to be endocrine disruptors 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

Product/substance	Identifiers	% w/w	Classification	Note
2,6-dimethyloct-7-en-2-ol	CAS No.: 18479-58-8 EC No.: 242-362-4 UK-REACH: Index No.: 01-2119457274-37	3-5%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H336	
linalyl acetate	CAS No.: 115-95-7	1-3%	Skin Irrit. 2, H315 Skin Sens. 1B, H317	

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

	EC No.: 204-116-4		Eye Irrit. 2, H319	
	UK-REACH:			
	Index No.:			
citronellyl acetate	CAS No.: 150-84-5	1-3%	Skin Irrit. 2, H315 Aquatic Chronic 2, H411	
	EC No.: 205-775-0			
	UK-REACH:			
	Index No.:			
3,7-dimethylnona-1,6-dien-3-ol	CAS No.: 10339-55-6	<1%	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319	
	EC No.: 233-732-6			
	UK-REACH:			
	Index No.:			
Allyl (cyclohexyloxy)acetate	CAS No.: 68901-15-5	<1%	Acute Tox. 4, H302 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)	
	EC No.: 272-657-3			
	UK-REACH:			
	Index No.:			
3-(5,5,6-trimethylbicyclo[2.2.1]hept-2-yl)cyclohexan-1-ol	CAS No.: 3407-42-9	<1%	Eye Irrit. 2, H319 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 2, H411	
	EC No.: 222-294-1			
	UK-REACH:			
	Index No.:			
citronellol	CAS No.: 106-22-9	<0.05%	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319	[9]
	EC No.: 203-375-0			
	UK-REACH:			
	Index No.:			
linalool	CAS No.: 78-70-6	<0.01%	Skin Sens. 1B, H317	
	EC No.: 201-134-4			
	UK-REACH:			
	Index No.: 603-235-00-2			

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

[9] Identified by EU as one of 26 specific fragrance ingredients, known to cause allergic contact dermatitis (Regulation (EC) No 1223/2009 on cosmetic products)

Labelling of contents according to Detergents Regulation (EC) No 648/2004

15% - 30%

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

- Non-ionic surfactants
5% - 15%
- Perfumes
- Perfumes (CITRONELLOL)

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

The product is an article and is unlikely to be of any chemical risk.

Inhalation

Exposure is not likely due to the physical state of the product (article).

▼ Skin contact

IF ON SKIN: Wash with plenty of water/water and soap.

Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.

If skin irritation occurs: Get medical advice/attention.

▼ Eye contact

Upon irritation of the eye: Remove contact lenses and open eyes widely. Flush eyes with water or saline water (20-30°C) for at least 5 minutes. Seek medical assistance and continue flushing during transport.

Ingestion

Exposure is not likely due to the physical state of the product (article).

Burns

Not applicable.

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

Sensitisation: This product contains substances, which may trigger allergic reaction upon dermal contact.

Manifestation of allergic reactions typically takes place within 12-72 hours after exposure.

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

If skin irritation or rash occurs: Get medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO₂)

▼ 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

SECTION 6: Accidental release measures

▼ 6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.

6.2. Environmental precautions

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Avoid discharge to lakes, streams, sewers, etc.

6.3. Methods and material for containment and cleaning up

Not applicable due to the physical state of the product (article).

6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Storage temperature

Room temperature 18 to 23°C (Storage on stock, 3 to 8°C)

Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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propane-1,2-diol

Long term exposure limit (8 hours) (ppm): 150(total)

Long term exposure limit (8 hours) (mg/m³): 474(total)/10(particulates)

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002.
EH40/2005 Workplace exposure limits (Fourth Edition 2020).

DNEL

2,6-dimethyloct-7-en-2-ol

Duration	Route of exposure	DNEL
Long term – Systemic effects - General population	Dermal	2.5 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	7 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	4.35 mg/m ³
Long term – Systemic effects - Workers	Inhalation	24.7 mg/m ³
Long term – Systemic effects - General population	Oral	2.5 mg/kg bw/day

3-(5,5,6-trimethylbicyclo[2.2.1]hept-2-yl)cyclohexan-1-ol

Duration	Route of exposure	DNEL
Long term – Systemic effects - General population	Dermal	1.88 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	3.75 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	3.26 mg/m ³
Long term – Systemic effects - Workers	Inhalation	13.2 mg/m ³
Long term – Systemic effects - General population	Oral	1.88 mg/kg bw/day

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

3,7-dimethylnona-1,6-dien-3-ol

Duration	Route of exposure	DNEL
Long term – Local effects - General population	Dermal	1.6 mg/cm ²
Long term – Local effects - Workers	Dermal	1.6 mg/cm ²
Long term – Systemic effects - General population	Dermal	1.4 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	2.7 mg/kg bw/day
Short term – Local effects - General population	Dermal	1.6 mg/cm ²
Short term – Local effects - Workers	Dermal	1.6 mg/cm ²
Short term – Systemic effects - General population	Dermal	2.7 mg/kg bw/day
Short term – Systemic effects - Workers	Dermal	5.5 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	740 µg/m ³
Long term – Systemic effects - Workers	Inhalation	3 mg/m ³
Short term – Systemic effects - General population	Inhalation	4.4 mg/m ³
Short term – Systemic effects - Workers	Inhalation	18 mg/m ³
Long term – Systemic effects - General population	Oral	200 µg/kgbw/day
Short term – Systemic effects - General population	Oral	1.3 mg/kg bw/day

Allyl (cyclohexyloxy)acetate

Duration	Route of exposure	DNEL
Long term – Systemic effects - General population	Dermal	160 µg/kgbw/day
Long term – Systemic effects - Workers	Dermal	448 µg/kgbw/day
Long term – Systemic effects - General population	Inhalation	557 µg/m ³
Long term – Systemic effects - Workers	Inhalation	3.16 mg/m ³
Long term – Systemic effects - General population	Oral	160 µg/kgbw/day

citronellol

Duration	Route of exposure	DNEL
Long term – Systemic effects - General population	Dermal	196.4 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	327.4 mg/kg bw/day
Short term – Local effects - General population	Dermal	2.95 mg/cm ²
Short term – Local effects - Workers	Dermal	2.95 mg/cm ²
Long term – Local effects - General population	Inhalation	10 mg/m ³
Long term – Local effects - Workers	Inhalation	10 mg/m ³
Long term – Systemic effects - General population	Inhalation	47.8 mg/m ³
Long term – Systemic effects - Workers	Inhalation	161.6 mg/m ³
Short term – Local effects - General population	Inhalation	10 mg/m ³

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Short term – Local effects - Workers	Inhalation	10 mg/m ³
Long term – Systemic effects - General population	Oral	13.8 mg/kg bw/day

citronellyl acetate

Duration	Route of exposure	DNEL
Long term – Systemic effects - General population	Dermal	2.4 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	4.8 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	4.2 mg/m ³
Long term – Systemic effects - Workers	Inhalation	17 mg/m ³
Long term – Systemic effects - General population	Oral	2.4 mg/kg bw/day

linalyl acetate

Duration	Route of exposure	DNEL
Long term – Local effects - General population	Dermal	236.2 µg/cm ²
Long term – Local effects - Workers	Dermal	236.2 µg/cm ²
Long term – Systemic effects - General population	Dermal	1.25 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	2.5 mg/kg bw/day
Short term – Local effects - General population	Dermal	236.2 µg/cm ²
Short term – Local effects - Workers	Dermal	236.2 µg/cm ²
Long term – Systemic effects - General population	Inhalation	680 µg/m ³
Long term – Systemic effects - Workers	Inhalation	2.75 mg/m ³
Long term – Systemic effects - General population	Oral	200 µg/kgbw/day

propane-1,2-diol

Duration	Route of exposure	DNEL
Long term – Local effects - General population	Inhalation	10 mg/m ³
Long term – Local effects - Workers	Inhalation	10 mg/m ³
Long term – Systemic effects - General population	Inhalation	50 mg/m ³
Long term – Systemic effects - Workers	Inhalation	168 mg/m ³

PNEC

2,6-dimethyloct-7-en-2-ol

Route of exposure	Duration of Exposure	PNEC
Freshwater		27.8 µg/L
Freshwater sediment		594 µg/kg
Intermittent release (freshwater)		278 µg/L
Marine water		2.78 µg/L

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Marine water sediment	59.4 µg/kg
Predators	111 mg/kg
Sewage treatment plant	10 mg/L
Soil	103 µg/kg

3-(5,5,6-trimethylbicyclo[2.2.1]hept-2-yl)cyclohexan-1-ol

Route of exposure	Duration of Exposure	PNEC
Freshwater		2.96 µg/L
Freshwater sediment		72.5 µg/kg
Intermittent release (freshwater)		25.9 µg/L
Intermittent release (marine water)		2.59 µg/L
Marine water		296 ng/L
Marine water sediment		7.25 µg/kg
Sewage treatment plant		100 µg/L
Soil		12.8 µg/kg

3,7-dimethylnona-1,6-dien-3-ol

Route of exposure	Duration of Exposure	PNEC
Freshwater		23 µg/L
Freshwater sediment		223 µg/kg
Intermittent release (freshwater)		230 µg/L
Marine water		2.3 µg/L
Marine water sediment		22.3 µg/kg
Predators		8.53 mg/kg
Sewage treatment plant		10 mg/L
Soil		31 µg/kg

Allyl (cyclohexyloxy)acetate

Route of exposure	Duration of Exposure	PNEC
Freshwater		2.05 µg/L
Freshwater sediment		38.7 µg/kg
Intermittent release (freshwater)		2.05 µg/L
Intermittent release (marine water)		205 ng/L
Marine water		205 ng/L
Marine water sediment		3.87 µg/kg
Sewage treatment plant		300 µg/L

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Soil		375 µg/kg
citronellol		
Route of exposure	Duration of Exposure	PNEC
Freshwater		2.4 µg/L
Freshwater sediment		25.6 µg/kg
Intermittent release (freshwater)		24 µg/L
Marine water		240 ng/L
Marine water sediment		2.56 µg/kg
Sewage treatment plant		580 mg/L
Soil		3.71 µg/kg
citronellyl acetate		
Route of exposure	Duration of Exposure	PNEC
Freshwater		3.48 µg/L
Freshwater sediment		851 µg/kg
Intermittent release (freshwater)		34.8 µg/L
Marine water		348 ng/L
Marine water sediment		85.1 µg/kg
Sewage treatment plant		10 mg/L
Soil		168 µg/kg
linalyl acetate		
Route of exposure	Duration of Exposure	PNEC
Freshwater		11 µg/L
Freshwater sediment		609 µg/kg
Intermittent release (freshwater)		110 µg/L
Marine water		1.1 µg/L
Marine water sediment		60.9 µg/kg
Sewage treatment plant		1 mg/L
Soil		115 µg/kg
propane-1,2-diol		
Route of exposure	Duration of Exposure	PNEC
Freshwater		260 mg/L
Freshwater sediment		572 mg/kg
Intermittent release (freshwater)		183 mg/L

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Marine water	26 mg/L
Marine water sediment	57.2 mg/kg
Sewage treatment plant	20 g/L
Soil	50 mg/kg

8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios

There are no exposure scenarios implemented for this product.

Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures

Exposure is not likely due to the physical state of the product (article).

Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

Measures to avoid environmental exposure

No special when used as intended.

Individual protection measures, such as personal protective equipment

Generally

Use only UKCA marked protective equipment.

Respiratory Equipment

No specific requirements

Skin protection

No specific requirements.

Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
Nitrile	0,2	> 480	EN374-2, EN374-3, EN388



Eye protection

No specific requirements.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Article

Colour

Blue

Odour / Odour threshold

Pleasant

pH

Not applicable - product is an article

Density (g/cm³)

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Not applicable - product is an article

Relative density

Not applicable - product is an article

Kinematic viscosity

Not applicable - product is an article

Particle characteristics

Not applicable - product is an article

Phase changes

Melting point/Freezing point (°C)

Not applicable - product is an article

Softening point/range (waxes and pastes) (°C)

Not applicable due to the physical state of the product (article).

Boiling point (°C)

Not applicable - product is an article

Vapour pressure

Not applicable - product is an article

Relative vapour density

Not applicable due to the physical state of the product (article).

Decomposition temperature (°C)

Not applicable - product is an article

Data on fire and explosion hazards

Flash point (°C)

Not applicable - product is an article

Ignition (°C)

Not applicable - product is an article

Auto flammability (°C)

Not applicable - product is an article

Lower and upper explosion limit (% v/v)

Not applicable - product is an article

Solubility

Solubility in water

Not applicable - product is an article

n-octanol/water coefficient

Not applicable - product is an article

Solubility in fat (g/L)

Not applicable - product is an article

9.2. Other information

Evaporation rate (n-butylacetate = 100)

Not applicable - product is an article

Other physical and chemical parameters

No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

SECTION 11: Toxicological information

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

Acute toxicity

Product/substance	propane-1,2-diol
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	22000 mg/kg ·
Other information	

Product/substance	propane-1,2-diol
Test method	
Species	Rabbit
Route of exposure	Inhalation
Test	LC50
Result	>317042 mg/m3 ·
Other information	

Product/substance	propane-1,2-diol
Test method	
Species	Rabbit
Route of exposure	Dermal
Test	LD50
Result	>2000 mg/kg ·
Other information	

Product/substance	2,6-dimethyloct-7-en-2-ol
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	4,1 mg/kg ·
Other information	

Product/substance	2,6-dimethyloct-7-en-2-ol
Test method	
Species	Rabbit
Route of exposure	Dermal
Test	LD50
Result	>5 g/kg ·
Other information	

Product/substance	linalyl acetate
Test method	
Species	Rat

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Route of exposure	Oral
Test	LD50
Result	>9000 mg/kg ·
Other information	

Product/substance	linalyl acetate
Test method	
Species	Rabbit
Route of exposure	Dermal
Test	LD50
Result	>5000 mg/kg ·
Other information	

Product/substance	citronellyl acetate
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	6800 mg/kg ·
Other information	

Skin corrosion/irritation

Product/substance	propane-1,2-diol
Test method	OECD 404
Species	Rabbit
Duration	4 hours
Result	No adverse effect observed (Not irritating)
Other information	

Product/substance	2,6-dimethyloct-7-en-2-ol
Test method	no guideline followed
Species	Rabbit
Duration	4 hours
Result	
Other information	not reversible

Serious eye damage/irritation

Product/substance	propane-1,2-diol
Test method	OECD 405
Species	Rabbit
Duration	
Result	
Other information	reversible

Product/substance	2,6-dimethyloct-7-en-2-ol
Test method	no guideline followed
Species	Rabbit
Duration	
Result	

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Other information reversible

Respiratory sensitisation

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

Skin sensitisation

Product/substance citronellol
 Test method OECD 429
 Species Mouse
 Result Adverse effect observed (sensitising)
 Other information

Germ cell mutagenicity

Product/substance 2,6-dimethyloct-7-en-2-ol
 Test method OECD 471
 Species Bacteria
 Conclusion No adverse effect observed
 Other information

Product/substance citronellol
 Test method OECD 476
 Species Mouse
 Conclusion No adverse effect observed
 Other information

Product/substance citronellol
 Test method OECD 474
 Species Mouse
 Conclusion No adverse effect observed
 Other information

Carcinogenicity

Product/substance 2,6-dimethyloct-7-en-2-ol
 Test method
 Species Mouse
 Route of exposure
 Target organ
 Duration
 Test
 Result
 Conclusion No adverse effect observed
 Other information

Product/substance citronellol
 Test method
 Species Rat
 Route of exposure
 Target organ
 Duration
 Test NOAEL

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Result	2000 mg/kg
Conclusion	No adverse effect observed
Other information	

Reproductive toxicity

Product/substance	2,6-dimethyloct-7-en-2-ol
Test method	OECD 408 - Repeated Dose 90-day Oral Toxicity Study in Rodents
Species	Rat
Duration	
Test	
Result	
Conclusion	No adverse effect observed
Other information	

Product/substance	citronellol
Test method	OECD 421
Species	Rat
Duration	
Test	NOAEL
Result	300 mg/kg
Conclusion	No adverse effect observed
Other information	

Product/substance	citronellol
Test method	OECD 414
Species	Rat
Duration	
Test	NOAEL
Result	>750 mg/kg
Conclusion	No adverse effect observed
Other information	

STOT-single exposure

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

STOT-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

Long term effects

None known.

Endocrine disrupting properties

None known.

Other information

None known.

SECTION 12: Ecological information

12.1. Toxicity

Product/substance	propane-1,2-diol
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According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Test method
 Species Fish
 Compartment
 Duration 96 hours
 Test LC50
 Result 40613 mg/L ·
 Other information

Product/substance propane-1,2-diol
 Test method
 Species Daphnia
 Compartment
 Duration 48 hours
 Test EC50
 Result 18340 mg/L ·
 Other information

Product/substance propane-1,2-diol
 Test method
 Species Algae
 Compartment
 Duration 96 hours
 Test EC50
 Result 19000 mg/L ·
 Other information

Product/substance 2,6-dimethyloct-7-en-2-ol
 Test method
 Species Fish
 Compartment
 Duration 96 hours
 Test LC50
 Result 27,8 mg/L ·
 Other information

Product/substance 2,6-dimethyloct-7-en-2-ol
 Test method
 Species Daphnia
 Compartment
 Duration 48 hours
 Test EC50
 Result 38 mg/L ·
 Other information

Product/substance 2,6-dimethyloct-7-en-2-ol
 Test method
 Species Algae
 Compartment
 Duration No data available.
 Test EC50
 Result 80 mg/L ·

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Other information

Product/substance	2,6-dimethyloct-7-en-2-ol
Test method	
Species	Bacteria
Compartment	
Duration	30 min.
Test	LC50
Result	100 mg/L ·
Other information	

Product/substance	linalyl acetate
Test method	
Species	Fish
Compartment	
Duration	96 hours
Test	LC50
Result	11 mg/L ·
Other information	

Product/substance	linalyl acetate
Test method	
Species	Daphnia
Compartment	
Duration	48 hours
Test	EC50
Result	15 mg/L ·
Other information	

Product/substance	linalyl acetate
Test method	
Species	Algae
Compartment	
Duration	72 hours
Test	EC50
Result	62 mg/L ·
Other information	

Product/substance	citronellol
Test method	
Species	Fish
Compartment	
Duration	96 hours
Test	LC50
Result	14,66 mg/L ·
Other information	

Product/substance	citronellol
Test method	
Species	Daphnia
Compartment	

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Duration	48 hours
Test	EC50
Result	17,48 mg/L ·
Other information	

Product/substance	citronellol
Test method	
Species	Algae
Compartment	
Duration	72 hours
Test	EC50
Result	2,4 mg/L ·
Other information	

12.2. Persistence and degradability

Product/substance	propane-1,2-diol
Biodegradable	Yes
Test method	
Result	96% (OECD 306)

Product/substance	2,6-dimethyloct-7-en-2-ol
Biodegradable	Yes
Test method	OECD 301 B
Result	72%

Product/substance	linalyl acetate
Biodegradable	Yes
Test method	OECD 301 F
Result	Readily biodegradable

Product/substance	citronellyl acetate
Biodegradable	Yes
Test method	OECD 301 F
Result	82,1%

Product/substance	citronellol
Biodegradable	Yes
Test method	
Result	80-90%

12.3. Bioaccumulative potential

Product/substance	propane-1,2-diol
Test method	
Potential bioaccumulation	No
LogPow	-1,0700
BCF	0.09
Other information	

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Product/substance	2,6-dimethyloct-7-en-2-ol
Test method	
Potential bioaccumulation	No
LogPow	3,2500
BCF	68.4
Other information	

Product/substance	linalyl acetate
Test method	
Potential bioaccumulation	Yes
LogPow	3,9
BCF	174
Other information	

Product/substance	citronellyl acetate
Test method	
Potential bioaccumulation	No
LogPow	No data available.
BCF	No data available.
Other information	

Product/substance	citronellol
Test method	
Potential bioaccumulation	No
LogPow	3,4100
BCF	No data available.
Other information	

12.4. Mobility in soil

2,6-dimethyloct-7-en-2-ol
LogKoc = 2.25, Moderate mobility potential.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

12.6. Endocrine disrupting properties

None known.

12.7. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

This product contains substances, which may cause adverse long-term effects to the aquatic environment.

SECTION 13: Disposal considerations

▼ 13.1. Waste treatment methods

Product is not covered by regulations on dangerous waste.

Dispose of contents/container to an approved waste disposal plant.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

EWC code

15 01 02 Plastic packaging

Specific labelling

Not applicable.

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: Transport information

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information

Not dangerous goods according to ADR, IATA and IMDG.

14.6. Special precautions for user

Not applicable.

14.7. Maritime transport in bulk according to IMO instruments

No data available.

SECTION 15: Regulatory information

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

▼ Restrictions for application

People under the age of 18 shall not be exposed to this product.

Demands for specific education

No specific requirements.

SEVESO - Categories / dangerous substances

Not applicable.

▼ Product registration number

4453753

Additional information

Not applicable.

▼ Sources

The Management of Health and Safety at Work Regulations 1999.

Regulation (EC) No 648/2004 on detergents as retained and amended in UK law.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.

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

15.2. Chemical safety assessment

No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

H302, Harmful if swallowed.

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.
H336, May cause drowsiness or dizziness.
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.

[The full text of identified uses as mentioned in section 1](#)

LCS "PW" = Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
PC3 = Air care products

[Abbreviations and acronyms](#)

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
CE = Conformité Européenne
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
CSA = Chemical Safety Assessment
CSR = Chemical Safety Report
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EINECS = European Inventory of Existing Commercial chemical Substances
ES = Exposure Scenario
EUH statement = CLP-specific Hazard statement
EWC = European Waste Catalogue
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IARC = International Agency for Research on Cancer (IARC)
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number
SCL = A specific concentration limit
SVHC = Substances of Very High Concern
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TWA = Time weighted average
UN = United Nations
UVBC = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

[▼ Additional information](#)

In accordance with UK-REACH, a safety data sheet is not required for this product. This safety data sheet has been created on a voluntary basis to distribute relevant information as required by UK-REACH.
The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

[▼ The safety data sheet is validated by](#)

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Janie Madsen

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: GB-en