SAFETY DATA SHEET

AROMA Fragrance Spray, Blue

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

1.1. Product identifier

Trade name

AROMA Fragrance Spray, Blue

Unique formula identifier (UFI)

GTWU-F2D1-X00X-7JNK

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

Janie Madsen

E-mail

info@proren.dk

Revision

05/10/2022

SDS Version

1.0

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

Eye Irrit. 2; H319, Causes serious eye irritation.

2.2. Label elements

Hazard pictogram(s)

Signal word

Warning

Hazard statement(s)

Causes serious eye irritation. (H319)

Safety statement(s)

General

-

Prevention

Wear eye protection. (P280)

Response

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

If eye irritation persists: Get medical advice/attention. (P337+P313)

Storage

-

Disposal

-

Hazardous substances

None known.

Additional labelling

EUH208, Contains linalyl acetate. May produce an allergic reaction.

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
ethanol	CAS No.: 64-17-5 EC No.: 200-578-6 UK-REACH: Index No.: 603-002-00-5	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
alkylic alcohol, ethoxylated	CAS No.: 68439-46-3	1-3%	Acute Tox. 4, H302 Eye Dam. 1, H318	

	EC No.: 614-482-0 UK-REACH: Index No.:		
linalool	CAS No.: 78-70-6 EC No.: 201-134-4 UK-REACH: Index No.: 603-235-00-2	<0.0001%	Skin Sens. 1B, H317

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

Other information

-

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

≥ 30%
· Non-ionic surfactants
5% - 15%
· Disinfectants
< 5%
· Perfumes
· Preservation agent (SODIUM BENZOATE)
· Preservation agent (PHENOXYETHANOL)

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

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. Flush eyes immediately with plenty of water or isotonic water (20-30°C) for at least 5 minutes and continue until irritation stops. Make sure to flush under upper and lower eyelids. If irritation continues, contact a doctor. Continue flushing during transport.

Ingestion

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

Burns

Not applicable.

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

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

This product contains substances that may trigger an allergic reaction in already sensitized persons.

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

IF exposed or concerned:

Get immediate 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

Not applicable.

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

No specific requirements.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

6.3. Methods and material for containment and cleaning up

Use sand, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

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

Store in tightly closed containers and store protected from moisture and light. Containers should be dated when opened and tested periodically for the presence of peroxides. Do not exceed storage time limits.

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material

Always store in containers of the same material as the original container.

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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ethanol
Long term exposure limit (8 hours) (ppm): 1000
Long term exposure limit (8 hours) (mg/m³): 1920

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propan-2-ol
Long term exposure limit (8 hours) (ppm): 400
Long term exposure limit (8 hours) (mg/m³): 999
Short term exposure limit (15 minutes) (ppm): 500
Short term exposure limit (15 minutes) (mg/m³): 1250

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-phenoxyethanol

Duration	Route of exposure	DNEL
Long term – Systemic effects - General population	Dermal	10.42 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	20.83 mg/kg bw/day
Long term – Local effects - General population	Inhalation	2.41 mg/m³
Long term – Local effects - Workers	Inhalation	5.7 mg/m³
Long term – Systemic effects - General population	Inhalation	2.41 mg/m³
Long term – Systemic effects - Workers	Inhalation	5.7 mg/m³
Long term – Systemic effects - General population	Oral	9.23 mg/kg bw/day
Short term – Systemic effects - General population	Oral	9.23 mg/kg bw/day

alkylic alcohol, ethoxylated

Duration	Route of exposure	DNEL
Long term – Systemic effects - General population	Dermal	1250 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	2080 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	87 mg/m³
Long term – Systemic effects - Workers	Inhalation	294 mg/m³
Long term – Systemic effects - General population	Oral	25 mg/kg bw/day

ethanol

Duration	Route of exposure	DNEL

Long term – Systemic effects - General population	Dermal	206 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	343 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	114 mg/m³
Long term – Systemic effects - Workers	Inhalation	950 mg/m³
Short term – Local effects - General population	Inhalation	950 mg/m³
Short term – Local effects - Workers	Inhalation	1900 mg/m³
Long term – Systemic effects - General population	Oral	87 mg/kg bw/day

linalyl acetate

Duration	Route of exposure	DNEL
Long term – Local effects - General population	Dermal	236.2 µg/cm²
Long term – Local effects - Workers	Dermal	236.2 µg/cm²
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/cm²
Short term – Local effects - Workers	Dermal	236.2 µg/cm²
Long term – Systemic effects - General population	Inhalation	680 µg/m³
Long term – Systemic effects - Workers	Inhalation	2.75 mg/m³
Long term – Systemic effects - General population	Oral	200 µg/kgbw/day

propan-2-ol

Duration	Route of exposure	DNEL
Long term – Systemic effects - General population	Dermal	319 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	888 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	89 mg/m³
Long term – Systemic effects - Workers	Inhalation	500 mg/m³
Long term – Systemic effects - General population	Oral	26 mg/kg bw/day

sodium benzoate

Duration	Route of exposure	DNEL
Long term – Systemic effects - General population	Dermal	31.25 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	62.5 mg/kg bw/day
Long term – Local effects - General population	Inhalation	60 µg/m³
Long term – Local effects - Workers	Inhalation	100 µg/m³
Long term – Systemic effects - General population	Inhalation	1.5 mg/m³
Long term – Systemic effects - Workers	Inhalation	3 mg/m³

Long term – Systemic effects - General population	Oral	16.6 mg/kg bw/day

PNEC

2-phenoxyethanol

Route of exposure	Duration of Exposure	PNEC
Freshwater		943 µg/L
Freshwater sediment		7.237 mg/kg
Intermittent release (freshwater)		3.44 mg/L
Marine water		94.3 µg/L
Marine water sediment		723.7 µg/kg
Sewage treatment plant		36 mg/L
Soil		1.31 mg/kg

alkylic alcohol, ethoxylated

Route of exposure	Duration of Exposure	PNEC
Freshwater		103.79 µg/L
Freshwater sediment		13.7 mg/kg
Intermittent release (freshwater)		14 µg/L
Marine water		103.79 µg/L
Marine water sediment		13.7 mg/kg
Sewage treatment plant		1.4 mg/L
Soil		1 mg/kg

ethanol

Route of exposure	Duration of Exposure	PNEC
Freshwater		960 µg/L
Freshwater sediment		3.6 mg/kg
Intermittent release (freshwater)		2.75 mg/L
Marine water		790 µg/L
Marine water sediment		2.9 mg/kg
Predators		380-720 mg/kg
Sewage treatment plant		580 mg/L
Soil		630 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

propan-2-ol

Route of exposure	Duration of Exposure	PNEC
Freshwater		140.9 mg/L
Freshwater sediment		552 mg/kg
Intermittent release (freshwater)		140.9 mg/L
Marine water		140.9 mg/L
Marine water sediment		552 mg/kg
Predators		160 mg/kg
Sewage treatment plant		2.251 g/L
Soil		28 mg/kg

sodium benzoate

Route of exposure	Duration of Exposure	PNEC
Freshwater		130 µg/L
Freshwater sediment		1.76 mg/kg
Intermittent release (freshwater)		305 µg/L
Marine water		13 µg/L
Marine water sediment		176 µg/kg
Predators		300 mg/kg
Sewage treatment plant		10 mg/L
Soil		60 µg/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

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a

local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure emergency eyewash and -showers are clearly marked.

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 specific requirements.

Individual protection measures, such as personal protective equipment

Generally

Use only UKCA marked protective equipment.

Respiratory Equipment

Type	Class	Colour	Standards
No specific requirements			

Skin protection

Recommended	Type/Category	Standards
No special when used as intended.	-	-

Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
No specific requirements	-	-	-

Eye protection

Type	Standards
No special when used as intended.	-

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

Clear

Odour / Odour threshold

Pleasant

pH

7,0

Density (g/cm³)

0.99

Kinematic viscosity

Testing not relevant or not possible due to the nature of the product.

Particle characteristics

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C)

Testing not relevant or not possible due to the nature of the product.

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

Does not apply to liquids.

Boiling point (°C)

Testing not relevant or not possible due to the nature of the product.

Vapour pressure

Testing not relevant or not possible due to the nature of the product.

Relative vapour density

Testing not relevant or not possible due to the nature of the product.

Decomposition temperature (°C)

Testing not relevant or not possible due to the nature of the product.

Data on fire and explosion hazards

Flash point (°C)

Testing not relevant or not possible due to the nature of the product.

Ignition (°C)

Testing not relevant or not possible due to the nature of the product.

Auto flammability (°C)

Testing not relevant or not possible due to the nature of the product.

Lower and upper explosion limit (% v/v)

Testing not relevant or not possible due to the nature of the product.

Solubility

Solubility in water

Completely soluble

n-octanol/water coefficient

Testing not relevant or not possible due to the nature of the product.

Solubility in fat (g/L)

Testing not relevant or not possible due to the nature of the product.

9.2. Other information

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

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	ethanol
Test method	
Species	Rat
Route of exposure	Oral

Test	LD50
Result	10471 mg/kg ·
Other information	

Product/substance	ethanol
Test method	
Species	Rat
Route of exposure	Inhalation
Test	LC50
Result	124,7 mg/m3 ·
Other information	

Product/substance	alkylic alcohol, ethoxylated
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	1378 mg/kg ·
Other information	

Product/substance	alkylic alcohol, ethoxylated
Test method	
Species	Rabbit
Route of exposure	Dermal
Test	LD50
Result	>2000 mg/kg ·
Other information	

Product/substance	propan-2-ol
Test method	
Species	Rat
Route of exposure	Inhalation
Test	LC50
Result	>10000 mg/kg ·
Other information	

Product/substance	propan-2-ol
Test method	
Species	Rabbit
Route of exposure	Dermal
Test	LD50
Result	16,4 mg/kg ·
Other information	

Product/substance	sodium benzoate
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	3140 mg/kg

Other information

Product/substance	sodium benzoate
Test method	
Species	Rat
Route of exposure	Inhalation
Test	LC50
Result	>12200 mg/m³
Other information	

Product/substance	sodium benzoate
Test method	
Species	Rabbit
Route of exposure	Dermal
Test	LD50
Result	>2000 mg/kg
Other information	

Product/substance	2-phenoxyethanol
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	>740 mg/kg
Other information	

Product/substance	2-phenoxyethanol
Test method	
Species	Rat
Route of exposure	Inhalation
Test	LC50
Result	>1000 mg/m³
Other information	

Product/substance	2-phenoxyethanol
Test method	
Species	Rat
Route of exposure	Dermal
Test	LD50
Result	14391 mg/kg
Other information	

Product/substance	linalyl acetate
Test method	
Species	Rat
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	

Skin corrosion/irritation

Product/substance	sodium benzoate
Test method	OECD 404
Species	Rabbit
Duration	4 hours
Result	
Other information	reversible

Product/substance	2-phenoxyethanol
Test method	OECD 404
Species	Rabbit
Duration	4 hours
Result	
Other information	reversible

Serious eye damage/irritation

Product/substance	sodium benzoate
Test method	OECD 405
Species	Rabbit
Duration	24 hours
Result	
Other information	reversible

Product/substance	2-phenoxyethanol
Test method	OECD 405
Species	Rabbit
Duration	
Result	
Other information	reversible

Causes serious eye irritation.

Respiratory sensitisation

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

Skin sensitisation

Product/substance	2-phenoxyethanol
Test method	OECD 406
Species	Guinea pig
Result	No adverse effect observed (not sensitising)
Other information	

Germ cell mutagenicity

Product/substance	sodium benzoate
Test method	OECD 471
Species	Bacteria
Conclusion	No adverse effect observed
Other information	

Product/substance	sodium benzoate
Test method	OECD 475
Species	Rat
Conclusion	No adverse effect observed
Other information	

Product/substance	2-phenoxyethanol
Test method	OECD 474
Species	Mouse
Conclusion	No adverse effect observed
Other information	

Product/substance	2-phenoxyethanol
Test method	OECD 471
Species	Bacteria
Conclusion	No adverse effect observed
Other information	

Carcinogenicity

Product/substance	sodium benzoate
Test method	
Species	Rat
Route of exposure	
Target organ	
Duration	
Test	NOAEL
Result	>1000 mg/kg
Conclusion	No adverse effect observed
Other information	

Product/substance	2-phenoxyethanol
Test method	OECD 451
Species	Mouse
Route of exposure	
Target organ	
Duration	
Test	
Result	
Conclusion	No adverse effect observed
Other information	

Reproductive toxicity

Product/substance	sodium benzoate

Test method	
Species	Rat
Duration	
Test	NOAEL
Result	500 mg/kg bw/day
Conclusion	No adverse effect observed
Other information	

Product/substance	sodium benzoate
Test method	
Species	Rat
Duration	
Test	NOAEL
Result	175 mg/kg bw/day
Conclusion	No adverse effect observed
Other information	

Product/substance	2-phenoxyethanol
Test method	OECD 414
Species	Rat
Duration	
Test	NOAEL
Result	300 mg/kg bw/day
Conclusion	No adverse effect observed
Other information	

Product/substance	2-phenoxyethanol
Test method	
Species	Mouse
Duration	
Test	NOAEL
Result	375 mg/kg bw/day
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

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

Endocrine disrupting properties

None known.

Other information

ethanol has been classified by IARC as a group 1 carcinogen.
propan-2-ol has been classified by IARC as a group 3 carcinogen.

SECTION 12: Ecological information

12.1. Toxicity

Product/substance	ethanol
Test method	
Species	Fish
Compartment	
Duration	96 hours
Test	LC50
Result	15,3 g/L ·
Other information	

Product/substance	ethanol
Test method	
Species	Daphnia
Compartment	
Duration	24 hours
Test	EC50
Result	1833 mg/L ·
Other information	

Product/substance	ethanol
Test method	
Species	Algae
Compartment	
Duration	72 hours
Test	EC50
Result	275 mg/L ·
Other information	

Product/substance	alkylic alcohol, ethoxylated
Test method	
Species	Fish
Compartment	
Duration	96 hours
Test	LC50
Result	110 mg/kg ·
Other information	

Product/substance	alkylic alcohol, ethoxylated
Test method	
Species	Daphnia
Compartment	
Duration	48 hours
Test	EC50
Result	120 mg/kg ·
Other information	

Product/substance	propan-2-ol

Test method	
Species	Fish
Compartment	
Duration	96 hours
Test	LC50
Result	10000 mg/L ·
Other information	

Product/substance	propan-2-ol
Test method	
Species	Daphnia
Compartment	
Duration	24 hours
Test	EC50
Result	>10000 mg/L ·
Other information	

Product/substance	sodium benzoate
Test method	
Species	Fish
Compartment	
Duration	96 hours
Test	LC50
Result	484 mg/L
Other information	

Product/substance	sodium benzoate
Test method	
Species	Daphnia
Compartment	
Duration	96 hours
Test	EC50
Result	100 mg/L
Other information	

Product/substance	sodium benzoate
Test method	
Species	Algae
Compartment	
Duration	72 hours
Test	NOEC
Result	0.09 mg/L
Other information	

Product/substance	sodium benzoate
Test method	
Species	Algae
Compartment	
Duration	72 hours
Test	EC10
Result	6.5 mg/L

Other information

Product/substance	sodium benzoate
Test method	
Species	Algae
Compartment	
Duration	72 hours
Test	EC50
Result	30.5 mg/L
Other information	

Product/substance	2-phenoxyethanol
Test method	
Species	Fish
Compartment	
Duration	96 hours
Test	LC50
Result	344 mg/L
Other information	

Product/substance	2-phenoxyethanol
Test method	
Species	Daphnia
Compartment	
Duration	48 hours
Test	EC50
Result	488 mg/L
Other information	

Product/substance	2-phenoxyethanol
Test method	
Species	Algae
Compartment	
Duration	72 hours
Test	EC50
Result	443 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	

12.2. Persistence and degradability

Product/substance	ethanol
Biodegradable	Yes
Test method	
Result	

Product/substance	alkylic alcohol, ethoxylated
Biodegradable	Yes
Test method	
Result	

Product/substance	propan-2-ol
Biodegradable	Yes
Test method	
Result	

Product/substance	sodium benzoate
Biodegradable	Yes
Test method	
Result	

Product/substance	2-phenoxyethanol
Biodegradable	Yes
Test method	OECD 301 A
Result	>90%

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

12.3. Bioaccumulative potential

Product/substance	ethanol
Test method	
Potential	No

bioaccumulation	
LogPow	-0,3500
BCF	0.2
Other information	

Product/substance	alkylic alcohol, ethoxylated
Test method	
Potential bioaccumulation	No
LogPow	No data available.
BCF	No data available.
Other information	

Product/substance	propan-2-ol
Test method	
Potential bioaccumulation	No
LogPow	0,0500
BCF	No data available.
Other information	

Product/substance	sodium benzoate
Test method	
Potential bioaccumulation	No
LogPow	1,8800
BCF	No data available.
Other information	

Product/substance	2-phenoxyethanol
Test method	
Potential bioaccumulation	No
LogPow	1,2000
BCF	0.35
Other information	

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

12.4. Mobility in soil

2-phenoxyethanol

LogKoc = 1.61, High 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

None known.

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.

EWC code

20 01 29* Detergents containing dangerous substances

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

None known.

Demands for specific education

No specific requirements.

SEVESO - Categories / dangerous substances

Not applicable.

▼Product registration number

4453729

Additional information

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

Sources

The Health and Safety at Work etc. Act 1974 Regulations 2013.

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

H225, Highly flammable liquid and vapour.
H302, Harmful if swallowed.
H317, May cause an allergic skin reaction.
H318, Causes serious eye damage.
H319, Causes serious eye irritation.

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

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

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