Energizer.

Holdings, Inc.

acc. to 29 CFR 1910.1200 App D

Refresh Your Car Vent Stick Midnight Black

Version number: 3.0 Revision: 2020-10-21 Replaces version of: 2020-06-09 (2)

SECTION 1: Identification

1.1 Product identifier

Trade name Refresh Your Car Vent Stick Midnight Black

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

Relevant identified uses Consumer use: Air Freshener

1.3 Details of the supplier of the safety data sheet

Energizer Manufacturing, Inc. 25225 Detroit Rd. Westlake OH 44145 United States

Telephone: 800-383-7323; 314-985-2000 (USA / CANADA)

Website: http://data.energizer.com

Energizer Trading Ltd.

Sword House, Totteridge Road, High Wycombe, HP13 6DG, UK

Telephone: +44(0)8000353376

e-mail: ConsumerServiceEU@energizer.com

1.4 Emergency telephone number

Emergency information service 1-314-985-1511 Int'l: 1-800-526-4727

This number is only available during the following

office hours: Mon-Fri 09:00 AM - 05:00 PM

SECTION 2: Hazard(s) identification

2.1 Classification of the substance or mixture

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Section	Hazard class	Category	Hazard class and category	Hazard state- ment
A.2	skin corrosion/irritation	2	Skin Irrit. 2	H315
A.3	serious eye damage/eye irritation	2	Eye Irrit. 2	H319
A.4S	skin sensitization	1	Skin Sens. 1	H317

For full text of abbreviations: see SECTION 16.

2.2 Label elements

Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

- Signal word warning

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- Pictograms

GHS07



- Hazard statements

H315 Causes skin irritation.

H317 May cause an allergic skin reaction. H319 Causes serious eye irritation.

- Precautionary statements

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

P102 Keep out of reach of children. P103 Read label before use.

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

P272 Contaminated work clothing must not be allowed out of the workplace.

P280 Wear protective gloves.

P302+P352 If on skin: Wash with plenty of water.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and

easy to do. Continue rinsing.

P321 Specific treatment (see on this label).

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P362 Take off contaminated clothing and wash it before reuse.

P363 Wash contaminated clothing before reuse.

P501 Dispose of contents/container in accordance with local/regional/national/international regula-

tions.

2.2.1.7 - Hazardous ingredients for labelling

Lavandin abrialis oil, Fir needle oil, Canadian, Linalool, Peppermint oil, Eugenol, acetyl cedrene

2.3 Other hazards

Hazards not otherwise classified

Harmful to aquatic life with long lasting effects (GHS category 3: aquatic toxicity - acute and/or chronic).

Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not relevant (mixture)

3.2 Mixtures

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Description of the mixture

Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms
Dihydromyrcenol	CAS No 18479-58-8	5-<10	Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 Flam. Liq. 4 / H227	<u>(1)</u>
Linalool	CAS No 78-70-6	1-<5	Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 Skin Sens. 1B / H317 Flam. Liq. 4 / H227	<u>(1)</u>
Lavandin abrialis oil	CAS No 8022-15-9	1-<5	Skin Irrit. 2 / H315 Skin Sens. 1 / H317	(1)
3-(5,5,6- trimethylbicyclo[2.2.1]hept -2-yl)cyclohexan-1-ol	CAS No 3407-42-9	1-<5	Eye Irrit. 2 / H319	<u>(1)</u>
acetyl cedrene	CAS No 32388-55-9	<1	Skin Sens. 1B / H317	<u>(1)</u>
Fir needle oil, Canadian	CAS No 8021-28-1	<1	Skin Sens. 1 / H317 Asp. Tox. 1 / H304 Flam. Liq. 3 / H226	
Eugenol	CAS No 97-53-0	<1	Eye Irrit. 2 / H319 Skin Sens. 1B / H317	<u>(1)</u>
Peppermint oil	CAS No 8006-90-4	<1	Skin Irrit. 2 / H315 Skin Sens. 1 / H317	<u>(1)</u>

For full text of abbreviations: see SECTION 16.

SECTION 4: First-aid measures

4.1 Description of first- aid measures

General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician. Provide fresh air.

Following skin contact

Wash with plenty of soap and water.

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Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects are not known to date.

4.3 Indication of any immediate medical attention and special treatment needed

none

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water, Foam, ABC-powder

Unsuitable extinguishing media

Water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Carbon monoxide (CO), Carbon dioxide (CO2)

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Coordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains, Take up mechanically

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Advice on how to clean up a spill

Take up mechanically.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Recommendations

- Measures to prevent fire as well as aerosol and dust generation

 Use local and general ventilation. Use only in well-ventilated areas. Ground/bond container and receiving equipment.
- Specific notes/details

Dust deposits may accumulate on all deposition surfaces in a technical room. The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

Managing of associated risks

Explosive atmospheres
 Removal of dust deposits.

7.3 Specific end use(s)

See section 16 for a general overview.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)

Coun try	Name of agent	CAS No	Iden- tifier	TWA [ppm]	TWA [mg/ m³]	STEL [ppm]	STEL [mg/ m³]	Ceil- ing-C [ppm]	Ceil- ing-C [mg/ m³]	Nota tion	Sourc e
US	polyvinyl chloride	9002-86- 2	TLV®		1					r	AC- GIH®

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Occupational exposure limit values (Workplace Exposure Limits)

Coun try	Name of agent	CAS No	Iden- tifier	TWA [ppm]	TWA [mg/ m³]	STEL [ppm]	STEL [mg/ m³]	Ceil- ing-C [ppm]	Ceil- ing-C [mg/ m³]	Nota tion	Sourc e
											2019

Notation

Ceiling-C ceiling value is a limit value above which exposure should not occur

respirable fraction

STEL short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period

(unless otherwise specified)

TWA time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-

weighted average (unless otherwise specified

Relevant DNELs of components of the mixture

Name of substance	CAS No	End- point	Threshold level	Protection goal, route of exposure	Used in	Exposure time
Dihydromyrcenol	18479-58-8	DNEL	73.5 mg/m³	human, inhalatory	worker (industry)	chronic - system- ic effects
Dihydromyrcenol	18479-58-8	DNEL	20.8 mg/kg bw/day	human, dermal	worker (industry)	chronic - system- ic effects
Linalool	78-70-6	DNEL	2.8 mg/m ³	human, inhalatory	worker (industry)	chronic - system- ic effects
Linalool	78-70-6	DNEL	16.5 mg/m ³	human, inhalatory	worker (industry)	acute - systemic effects
Linalool	78-70-6	DNEL	2.5 mg/kg bw/day	human, dermal	worker (industry)	chronic - system- ic effects
Linalool	78-70-6	DNEL	5 mg/kg bw/day	human, dermal	worker (industry)	acute - systemic effects
3-(5,5,6-trimethylbi- cyclo[2.2.1]hept-2- yl)cyclohexan-1-ol	3407-42-9	DNEL	3.747 mg/ m³	human, inhalatory	worker (industry)	chronic - system- ic effects
3-(5,5,6-trimethylbi- cyclo[2.2.1]hept-2- yl)cyclohexan-1-ol	3407-42-9	DNEL	2.125 mg/ kg	human, dermal	worker (industry)	chronic - system- ic effects
acetyl cedrene	32388-55-9	DNEL	1.175 mg/ m³	human, inhalatory	worker (industry)	chronic - system- ic effects
acetyl cedrene	32388-55-9	DNEL	0.333 mg/ kg bw/day	human, dermal	worker (industry)	chronic - system- ic effects
Eugenol	97-53-0	DNEL	21.2 mg/m³	human, inhalatory	worker (industry)	chronic - system- ic effects

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Relevant DNELs of components of the mixture

Name of substance	CAS No	End- point	Threshold level	Protection goal, route of exposure	Used in	Exposure time
Eugenol	97-53-0	DNEL	6 mg/kg bw/day	human, dermal	worker (industry)	chronic - system- ic effects

Relevant PNECs of components of the mixture

Name of substance	CAS No	End- point	Threshold level	Organism	Environmental compartment	Exposure time
Dihydromyrcenol	18479-58-8	PNEC	111 ^{mg} / _{kg}	aquatic organisms	water	short-term (single instance)
Dihydromyrcenol	18479-58-8	PNEC	0.278 ^{mg} / _l	aquatic organisms	water	intermittent re- lease
Dihydromyrcenol	18479-58-8	PNEC	27.8 ^{µg} / _l	aquatic organisms	freshwater	short-term (single instance)
Dihydromyrcenol	18479-58-8	PNEC	2.78 ^{µg} / _l	aquatic organisms	marine water	short-term (single instance)
Dihydromyrcenol	18479-58-8	PNEC	10 ^{mg} / _l	aquatic organisms	sewage treat- ment plant (STP)	short-term (single instance)
Dihydromyrcenol	18479-58-8	PNEC	0.594 ^{mg} / _{kg}	aquatic organisms	freshwater sedi- ment	short-term (single instance)
Dihydromyrcenol	18479-58-8	PNEC	0.059 ^{mg} / _{kg}	aquatic organisms	marine sediment	short-term (single instance)
Dihydromyrcenol	18479-58-8	PNEC	0.103 ^{mg} / _{kg}	terrestrial organ- isms	soil	short-term (single instance)
Linalool	78-70-6	PNEC	7.8 ^{mg} / _{kg}	aquatic organisms	water	short-term (single instance)
Linalool	78-70-6	PNEC	2 ^{mg} / _l	aquatic organisms	water	intermittent re- lease
Linalool	78-70-6	PNEC	0.2 ^{mg} / _l	aquatic organisms	freshwater	short-term (single instance)
Linalool	78-70-6	PNEC	0.02 ^{mg} / _l	aquatic organisms	marine water	short-term (single instance)
Linalool	78-70-6	PNEC	10 ^{mg} / _l	aquatic organisms	sewage treat- ment plant (STP)	short-term (single instance)
Linalool	78-70-6	PNEC	2.22 ^{mg} / _{kg}	aquatic organisms	freshwater sedi- ment	short-term (single instance)
Linalool	78-70-6	PNEC	0.222 ^{mg} / _{kg}	aquatic organisms	marine sediment	short-term (single instance)

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Relevant PNECs of components of the mixture

Name of substance	CAS No	End- point	Threshold level	Organism	Environmental compartment	Exposure time
Linalool	78-70-6	PNEC	0.327 ^{mg} / _{kg}	terrestrial organ- isms	soil	short-term (single instance)
3-(5,5,6-trimethylbi- cyclo[2.2.1]hept-2- yl)cyclohexan-1-ol	3407-42-9	PNEC	0.012 ^{mg} / _l	aquatic organisms	freshwater	short-term (single instance)
3-(5,5,6-trimethylbi- cyclo[2.2.1]hept-2- yl)cyclohexan-1-ol	3407-42-9	PNEC	0.001 ^{mg} / _l	aquatic organisms	marine water	short-term (single instance)
3-(5,5,6-trimethylbi- cyclo[2.2.1]hept-2- yl)cyclohexan-1-ol	3407-42-9	PNEC	0.118 ^{mg} / _l	aquatic organisms	water	intermittent re- lease
3-(5,5,6-trimethylbi- cyclo[2.2.1]hept-2- yl)cyclohexan-1-ol	3407-42-9	PNEC	6.083 ^{mg} / _l	aquatic organisms	sewage treat- ment plant (STP)	short-term (single instance)
3-(5,5,6-trimethylbi- cyclo[2.2.1]hept-2- yl)cyclohexan-1-ol	3407-42-9	PNEC	586.8 ^{mg} / _{kg}	aquatic organisms	freshwater sedi- ment	short-term (single instance)
3-(5,5,6-trimethylbi- cyclo[2.2.1]hept-2- yl)cyclohexan-1-ol	3407-42-9	PNEC	586.8 ^{mg} / _{kg}	aquatic organisms	marine sediment	short-term (single instance)
3-(5,5,6-trimethylbi- cyclo[2.2.1]hept-2- yl)cyclohexan-1-ol	3407-42-9	PNEC	278.9 ^{mg} / _{kg}	terrestrial organ- isms	soil	short-term (single instance)
acetyl cedrene	32388-55-9	PNEC	1.74 ^{µg} / _l	aquatic organisms	freshwater	short-term (single instance)
acetyl cedrene	32388-55-9	PNEC	0.174 ^{µg} / _I	aquatic organisms	marine water	short-term (single instance)
acetyl cedrene	32388-55-9	PNEC	10 ^{mg} / _l	aquatic organisms	sewage treat- ment plant (STP)	short-term (single instance)
acetyl cedrene	32388-55-9	PNEC	24.4 ^{mg} / _{kg}	aquatic organisms	freshwater sedi- ment	short-term (single instance)
acetyl cedrene	32388-55-9	PNEC	2.44 ^{mg} / _{kg}	aquatic organisms	marine sediment	short-term (single instance)
acetyl cedrene	32388-55-9	PNEC	4.87 ^{mg} / _{kg}	terrestrial organ- isms	soil	short-term (single instance)
Eugenol	97-53-0	PNEC	11.3 ^{µg} / _I	aquatic organisms	water	intermittent re- lease
Eugenol	97-53-0	PNEC	1.13 ^{µg} / _I	aquatic organisms	freshwater	short-term (single instance)

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Relevant PNECs of components of the mixture

Name of substance	CAS No	End- point	Threshold level	Organism	Environmental compartment	Exposure time
Eugenol	97-53-0	PNEC	0.113 ^{µg} / _l	aquatic organisms	marine water	short-term (single instance)
Eugenol	97-53-0	PNEC	0.081 ^{mg} / _{kg}	aquatic organisms	freshwater sedi- ment	short-term (single instance)
Eugenol	97-53-0	PNEC	0.008 ^{mg} / _{kg}	aquatic organisms	marine sediment	short-term (single instance)
Eugenol	97-53-0	PNEC	0.015 ^{mg} / _{kg}	terrestrial organ- isms	soil	short-term (single instance)

8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

Skin protection

- Hand protection

Wear protective gloves.

- Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties Appearance

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Physical state	solid
Color	Conforms to Standard
Odor	Conforms to standard

Other safety parameters

pH (value)	not applicable
Melting point/freezing point	not determined
Initial boiling point and boiling range	193 °C at 100.9 kPa
Flash point	93.33 °C
Evaporation rate	not determined
Flammability (solid, gas)	non-combustible
Explosion limits of dust clouds	not determined
Vapor pressure	27 Pa at 298 K
Density	not determined
Vapor density	this information is not available
Relative density	information on this property is not available
Solubility(ies)	not determined

Partition coefficient

- n-octanol/water (log KOW)	this information is not available
Auto-ignition temperature	not determined
Viscosity	not relevant (solid matter)
Explosive properties	none
Oxidizing properties	none

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9.2 Other information there is no additional information

SECTION 10: Stability and reactivity

10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

Hints to prevent fire or explosion

The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

10.5 Incompatible materials

Oxidizers

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Acute toxicity

Shall not be classified as acutely toxic.

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Causes serious eye irritation.

Respiratory or skin sensitization

May cause an allergic skin reaction.

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Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Shall not be classified as carcinogenic.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans

Name of substance	CAS No	Classification	Number
Eugenol	97-53-0	3	

Legend

Not classifiable as to carcinogenicity in humans

Reproductive toxicity

Shall not be classified as a reproductive toxicant.

Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

SECTION 12: Ecological information

12.1 Toxicity

Harmful to aquatic life with long lasting effects.

Aquatic toxicity (acute) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Dihydromyrcenol	18479-58-8	LC50	27.8 ^{mg} / _l	fish	96 h
Dihydromyrcenol	18479-58-8	EC50	38 ^{mg} / _l	aquatic invertebrates	48 h
Dihydromyrcenol	18479-58-8	ErC50	80 ^{mg} / _l	algae	72 h
Linalool	78-70-6	LC50	27.8 ^{mg} / _l	fish	96 h
Linalool	78-70-6	EC50	59 ^{mg} / _l	aquatic invertebrates	48 h
Linalool	78-70-6	ErC50	156.7 ^{mg} / _l	algae	96 h
acetyl cedrene	32388-55-9	LC50	2.3 ^{mg} / _l	fish	96 h

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Aquatic toxicity (acute) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
acetyl cedrene	32388-55-9	EC50	0.86 ^{mg} / _l	aquatic invertebrates	48 h
acetyl cedrene	32388-55-9	ErC50	>4.3 ^{mg} / _l	algae	96 h
Eugenol	97-53-0	LC50	13 ^{mg} / _l	fish	24 h
Eugenol	97-53-0	EC50	1.05 ^{mg} / _l	aquatic invertebrates	48 h
Eugenol	97-53-0	ErC50	24 ^{mg} / _l	algae	72 h

Aquatic toxicity (chronic) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Dihydromyrcenol	18479-58-8	EC50	17 ^{mg} / _l	aquatic invertebrates	21 d
Linalool	78-70-6	LC50	27.8 ^{mg} / _l	fish	24 h
Linalool	78-70-6	EC50	>100 ^{mg} / _l	microorganisms	30 min
acetyl cedrene	32388-55-9	EC50	0.32 ^{mg} / _l	aquatic invertebrates	21 d
Eugenol	97-53-0	LC50	13 ^{mg} / _l	fish	24 h

12.2 Persistence and degradability

Data are not available.

12.3 Bioaccumulative potential

Data are not available.

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

Data are not available.

12.6 Other adverse effects

Endocrine disrupting potential

None of the ingredients are listed.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packages

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

SECTION 14: Transport information

14.1	UN number	not assigned
14.2	UN proper shipping name	not assigned
14.3	Transport hazard class(es)	not assigned
14.4	Packing group	not assigned
14.5	Environmental hazards	non-environmentally hazardous acc. to the dangerous goods regulations

14.6 Special precautions for user

There is no additional information.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

The cargo is not intended to be carried in bulk.

Information for each of the UN Model Regulations

DOT

Transport of dangerous goods by road or rail (49 CFR US DOT)

Not subject to transport regulations.

International Maritime Dangerous Goods Code (IMDG)

Not subject to IMDG.

International Civil Aviation Organization (ICAO-IATA/DGR)

Not subject to ICAO-IATA.

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SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question National regulations (United States)

Toxic Substance Control Act (TSCA) all ingredients are listed

Superfund Amendment and Reauthorization Act (SARA TITLE III)

- The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304)

none of the ingredients are listed

- Specific Toxic Chemical Listings (EPCRA Section 313) none of the ingredients are listed

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

- List of Hazardous Substances and Reportable Quantities (CERCLA section 102a) (40 CFR 302.4) none of the ingredients are listed

Clean Air Act

none of the ingredients are listed

Right to Know Hazardous Substance List

- Cleaning Product Right to Know Act Substance List (CA-RTK)

Name of substance	Name acc. to inventory	CAS No	Functional- ity	Authoritative Lists
Polyvinyl Chloride		9002-86-2	stabilizer	
Dihydromyrcenol		18479-58-8	fragrance	
Linalool	Linalool	78-70-6	fragrance	EU Fragrance Allergens
1-[(2-tert-butyl)cyclohexyloxy]-2- butanol		139504-68- 0	fragrance	
Lavandin abrialis oil		8022-15-9	fragrance	
3-(5,5,6- trimethylbicyclo[2.2.1]hept-2- yl)cyclohexan-1-ol		3407-42-9	fragrance	
Acetyl cedrene		32388-55-9	fragrance	
Pogostemon cablin oil		8014-09-3	fragrance	
Linalyl acetate		115-95-7	fragrance	
Eugenol	Eugenol	97-53-0	fragrance	EU Fragrance Allergens
Fir needle oil, Canadian		8021-28-1	fragrance	

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Name of substance	Name acc. to inventory	CAS No	Functional- ity	Authoritative Lists
2,2,6-trimethyl-α-propylcyclo- hexanepropanol		70788-30-6	fragrance	
Fixolide		1506-02-1	fragrance	
3-Methyl-5-(2,2,3-trimethyl-3-cyclopenten-1-yl)pent-4-en-2-ol		67801-20-1 1067999- 31-8	fragrance	
Peppermint oil		8006-90-4	fragrance	
Calone		28940-11-6	fragrance	
6-Sec-butylquinoline		65442-31-1	fragrance	
Rosemary Oil		8000-25-7	fragrance	
3a,6,6,9a-tetramethyldodecahy- dronaphtho[2,1-b]furan		6790-58-5	fragrance	

- Toxic or Hazardous Substance List (MA-TURA) none of the ingredients are listed
- Hazardous Substances List (MN-ERTK) none of the ingredients are listed
- Hazardous Substance List (NJ-RTK)

Name of substance	Name acc. to inventory	CAS No	Remarks	Classifications
Polyvinyl Chloride	PVC (polyvinyl chloride)	9002-86-2		

- Hazardous Substance List (Chapter 323) (PA-RTK) none of the ingredients are listed
- Hazardous Substance List (RI-RTK) none of the ingredients are listed

California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987

none of the ingredients are listed

Industry or sector specific available guidance(s)

NPCA-HMIS® III

Hazardous Materials Identification System. American Coatings Association.

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Category	Rating	Description
Chronic	/	none
Health	2	temporary or minor injury may occur
Flammability	0	material that will not burn under typical fire conditions
Physical hazard	0	material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive
Personal protection	-	

NFPA® 704

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States).

Category	Degree of hazard	Description
Flammability	0	material that will not burn under typical fire conditions
Health	2	material that, under emergency conditions, can cause temporary incapacitation or residual injury
Instability	0	material that is normally stable, even under fire conditions
Special hazard		

National inventories

Country	Inventory	Status
AU	AICS	all ingredients are listed
CA	DSL	not all ingredients are listed
CA	NDSL	not all ingredients are listed
CN	IECSC	all ingredients are listed
EU	ECSI	not all ingredients are listed
EU	REACH Reg.	not all ingredients are listed
JP	CSCL-ENCS	not all ingredients are listed
JP	ISHA-ENCS	not all ingredients are listed
KR	KECI	all ingredients are listed
MX	INSQ	not all ingredients are listed
NZ	NZIoC	all ingredients are listed
PH	PICCS	all ingredients are listed

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Country	Inventory	Status
TR	CICR	not all ingredients are listed
TW	TCSI	all ingredients are listed
US	TSCA	all ingredients are listed

Legend

AICS Australian Inventory of Chemical Substances CICR Chemical Inventory and Control Regulation

CSCL-ENCS List of Existing and New Chemical Substances (CSCL-ENCS)

DSL Domestic Substances List (DSL)

EC Substance Inventory (EINECS, ELINCS, NLP) **ECSI**

Inventory of Existing Chemical Substances Produced or Imported in China National Inventory of Chemical Substances **IECSC**

INSQ

ISHA-ENCS Inventory of Existing and New Chemical Substances (ISHA-ENCS)

KECI Korea Existing Chemicals Inventory **NDSL** Non-domestic Substances List (NDSL) NZIoC New Zealand Inventory of Chemicals

PICCS Philippine Inventory of Chemicals and Chemical Substances (PICCS)

REACH Reg. REACH registered substances

Taiwan Chemical Substance Inventory TCSI

TSCA **Toxic Substance Control Act**

Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information, including date of preparation or last revision

Indication of changes (revised safety data sheet)

Section	Former entry (text/value)	Actual entry (text/value)	Safety- relev- ant
9.2	Other information	other information: there is no additional information	yes
9.2	Solvent content: 99.62 %		yes
9.2	Solid content: 0.376 %		yes
14.1	UN number: not subject to transport regulations	UN number: not assigned	yes
15.1		Cleaning Product Right to Know Act Substance List (CA-RTK): change in the listing (table)	yes
15.1		Hazardous Substance List (NJ-RTK): change in the listing (table)	yes

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Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations	
49 CFR US DOT	49 CFR U.S. Department of Transportation	
ACGIH® 2019	From ACGIH®, 2019 TLVs® and BEIs® Book. Copyright 2019. Reprinted with permission. Information on the proper use of the TLVs® and BEIs®: http://www.acgih.org/tlv-bei-guidelines/policies-procedures-presentations/tlv-bei-position-statement	
Asp. Tox.	Aspiration hazard	
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)	
Ceiling-C	Ceiling value	
DGR	Dangerous Goods Regulations (see IATA/DGR)	
DNEL	Derived No-Effect Level	
DOT	Department of Transportation (USA)	
EC50	Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval	
EINECS	European Inventory of Existing Commercial Chemical Substances	
ELINCS	European List of Notified Chemical Substances	
ErC50	≡ EC50: in this method, that concentration of test substance which results in a 50 % reduction in either growth (EbC50) or growth rate (ErC50) relative to the control	
Eye Dam.	Seriously damaging to the eye	
Eye Irrit.	Irritant to the eye	
Flam. Liq.	Flammable liquid	
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations	
IATA	International Air Transport Association	
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)	
ICAO	International Civil Aviation Organization	
IMDG	International Maritime Dangerous Goods Code	
LC50	Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval	
MARPOL	International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")	
NLP	No-Longer Polymer	
NPCA-HMIS® III	National Paint and Coatings Association: Hazardous Materials Identification System - HMIS® III, Third Edition	
OSHA	Occupational Safety and Health Administration (United States)	

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Abbr.	Descriptions of used abbreviations
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
ppm	Parts per million
RTECS	Registry of Toxic Effects of Chemical Substances (database of NIOSH with toxicological information)
Skin Corr.	Corrosive to skin
Skin Irrit.	Irritant to skin
Skin Sens.	Skin sensitization
STEL	Short-term exposure limit
TLV®	Threshold Limit Values
TWA	Time-weighted average
vPvB	Very Persistent and very Bioaccumulative

Key literature references and sources for data

OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200.

Transport of dangerous goods by road or rail (49 CFR US DOT). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

List of relevant phrases (code and full text as stated in chapter 2 and 3)

Code	Text
H226	Flammable liquid and vapor.
H227	Combustible liquid.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

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