



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Refresh Your Car Mini Diffuser Spiced Vanilla

Version number: GHS 8.0
Replaces version of: 2020-12-07 (GHS 7)

Revision: 2020-12-15

SECTION 1: Identification

1.1 Product identifier

Trade name

Refresh Your Car Mini Diffuser Spiced Vanilla

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 statement
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

Refresh Your Car Mini Diffuser Spiced Vanilla

Version number: GHS 8.0
Replaces version of: 2020-12-07 (GHS 7)

Revision: 2020-12-15

- Pictograms

GHS07



- Hazard statements

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 mist/vapors.
P272 Contaminated work clothing must not be allowed out of the workplace.
P280 Wear eye protection/face protection.
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.
P363 Wash contaminated clothing before reuse.
P501 Dispose of contents/container in accordance with national regulations.

2.2.1.7 - Hazardous ingredients for labelling

Cinnamal, Coumarin, Eugenol, Piperonal, Anisyl acetate, citral

2.3 Other hazards

Hazards not otherwise classified

May be harmful in contact with skin (GHS category 5: acutely toxic - dermal).
Toxic to aquatic life with long lasting effects (GHS category 2: 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

Refresh Your Car Mini Diffuser Spiced Vanilla

Version number: GHS 8.0
Replaces version of: 2020-12-07 (GHS 7)

Revision: 2020-12-15

Description of the mixture

Name of substance	CAS No	Wt%	Classification acc. to GHS	Pictograms
Dipropylene glycol methyl ether acetate	88917-22-0	50 – < 75	Flam. Liq. 4 / H227	
benzyl alcohol	100-51-6	5 – < 10	Acute Tox. 4 / H302 Acute Tox. 4 / H332	
Cinnamal	104-55-2	5 – < 10	Acute Tox. 4 / H312 Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 Skin Sens. 1 / H317	
Piperonal	120-57-0	1 – < 5	Skin Sens. 1B / H317	
Ethyl vanillin	121-32-4	1 – < 5	Eye Irrit. 2 / H319	
Eugenol	97-53-0	1 – < 5	Acute Tox. 4 / H302 Eye Irrit. 2 / H319 Skin Sens. 1B / H317	
Anisyl acetate	104-21-2	1 – < 5	Skin Sens. 1B / H317	
benzyl benzoate	120-51-4	1 – < 5	Acute Tox. 4 / H302	
citral	5392-40-5	< 1	Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 Skin Sens. 1B / H317 Asp. Tox. 1 / H304	
Coumarin	91-64-5	< 1	Acute Tox. 3 / H301 Acute Tox. 3 / H311 Skin Sens. 1 / H317	

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. Provide fresh air.



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Refresh Your Car Mini Diffuser Spiced Vanilla

Version number: GHS 8.0
Replaces version of: 2020-12-07 (GHS 7)

Revision: 2020-12-15

Following skin contact

Wash with plenty of soap and water.

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 spray, BC-powder, Carbon dioxide (CO₂)

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.



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Refresh Your Car Mini Diffuser Spiced Vanilla

Version number: GHS 8.0
Replaces version of: 2020-12-07 (GHS 7)

Revision: 2020-12-15

6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder

Appropriate containment techniques

Use of adsorbent materials.

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.

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

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)

Country	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/m ³]	STEL [ppm]	STEL [mg/m ³]	Ceiling-C [ppm]	Ceiling-C [mg/m ³]	Notation	Source
US	citral	5392-40-5	TLV®	5						iv	AC-GIH® 2019



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Refresh Your Car Mini Diffuser Spiced Vanilla

Version number: GHS 8.0
Replaces version of: 2020-12-07 (GHS 7)

Revision: 2020-12-15

Notation

Ceiling-C

iv

STEL

TWA

ceiling value is a limit value above which exposure should not occur

inhalable fraction and vapor

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)

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
Dipropylene glycol methyl ether acetate	88917-22-0	DNEL	1,556 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
Dipropylene glycol methyl ether acetate	88917-22-0	DNEL	65 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
benzyl alcohol	100-51-6	DNEL	40 mg/kg	human, dermal	worker (industry)	acute - systemic effects
benzyl alcohol	100-51-6	DNEL	110 mg/m ³	human, inhalatory	worker (industry)	acute - systemic effects
benzyl alcohol	100-51-6	DNEL	8 mg/kg	human, dermal	worker (industry)	chronic - systemic effects
benzyl alcohol	100-51-6	DNEL	22 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
Cinnamal	104-55-2	DNEL	2.513 mg/kg	human, dermal	worker (industry)	chronic - systemic effects
Cinnamal	104-55-2	DNEL	2.204 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
Eugenol	97-53-0	DNEL	21.2 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
Eugenol	97-53-0	DNEL	6 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Ethyl vanillin	121-32-4	DNEL	49 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
Ethyl vanillin	121-32-4	DNEL	98 mg/m ³	human, inhalatory	worker (industry)	acute - systemic effects
Ethyl vanillin	121-32-4	DNEL	7 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Piperonal	120-57-0	DNEL	17.6 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
Piperonal	120-57-0	DNEL	2.5 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Refresh Your Car Mini Diffuser Spiced Vanilla

Version number: GHS 8.0
Replaces version of: 2020-12-07 (GHS 7)

Revision: 2020-12-15

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
benzyl benzoate	120-51-4	DNEL	5.1 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
benzyl benzoate	120-51-4	DNEL	102 mg/m ³	human, inhalatory	worker (industry)	acute - systemic effects
benzyl benzoate	120-51-4	DNEL	2.6 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Anisyl acetate	104-21-2	DNEL	2.468 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
Anisyl acetate	104-21-2	DNEL	0.7 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Coumarin	91-64-5	DNEL	6.78 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
Coumarin	91-64-5	DNEL	0.79 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
citral	5392-40-5	DNEL	9 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
citral	5392-40-5	DNEL	1.7 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
citral	5392-40-5	DNEL	140 µg/cm ²	human, dermal	worker (industry)	chronic - local effects

Relevant PNECs of components of the mixture

Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
Dipropylene glycol methyl ether acetate	88917-22-0	PNEC	0.11 mg/l	aquatic organisms	freshwater	short-term (single instance)
Dipropylene glycol methyl ether acetate	88917-22-0	PNEC	0.011 mg/l	aquatic organisms	marine water	short-term (single instance)
Dipropylene glycol methyl ether acetate	88917-22-0	PNEC	10 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Dipropylene glycol methyl ether acetate	88917-22-0	PNEC	2.41 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Dipropylene glycol methyl ether acetate	88917-22-0	PNEC	0.241 mg/kg	aquatic organisms	marine sediment	short-term (single instance)



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Refresh Your Car Mini Diffuser Spiced Vanilla

Version number: GHS 8.0
Replaces version of: 2020-12-07 (GHS 7)

Revision: 2020-12-15

Relevant PNECs of components of the mixture

Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
Dipropylene glycol methyl ether acetate	88917-22-0	PNEC	0.42 mg/kg	terrestrial organisms	soil	short-term (single instance)
benzyl alcohol	100-51-6	PNEC	1 mg/l	aquatic organisms	freshwater	short-term (single instance)
benzyl alcohol	100-51-6	PNEC	0.1 mg/l	aquatic organisms	marine water	short-term (single instance)
benzyl alcohol	100-51-6	PNEC	39 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
benzyl alcohol	100-51-6	PNEC	5.27 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
benzyl alcohol	100-51-6	PNEC	0.527 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
benzyl alcohol	100-51-6	PNEC	0.456 mg/kg	terrestrial organisms	soil	short-term (single instance)
benzyl alcohol	100-51-6	PNEC	2.3 mg/l	aquatic organisms	water	intermittent release
Cinnamal	104-55-2	PNEC	1.004 mg/l	aquatic organisms	freshwater	short-term (single instance)
Cinnamal	104-55-2	PNEC	0.1004 mg/l	aquatic organisms	marine water	short-term (single instance)
Cinnamal	104-55-2	PNEC	13.12 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Cinnamal	104-55-2	PNEC	159.2 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Cinnamal	104-55-2	PNEC	159.2 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Cinnamal	104-55-2	PNEC	0.0003333 mg/kg	aquatic organisms	water	short-term (single instance)
Cinnamal	104-55-2	PNEC	56.08 mg/kg	terrestrial organisms	soil	short-term (single instance)
Cinnamal	104-55-2	PNEC	1.004 mg/l	aquatic organisms	water	intermittent release
Eugenol	97-53-0	PNEC	11.3 µg/l	aquatic organisms	water	intermittent release
Eugenol	97-53-0	PNEC	1.13 µg/l	aquatic organisms	freshwater	short-term (single instance)



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Refresh Your Car Mini Diffuser Spiced Vanilla

Version number: GHS 8.0
Replaces version of: 2020-12-07 (GHS 7)

Revision: 2020-12-15

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 sediment	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 organisms	soil	short-term (single instance)
Ethyl vanillin	121-32-4	PNEC	0.118 mg/l	aquatic organisms	freshwater	short-term (single instance)
Ethyl vanillin	121-32-4	PNEC	0.012 mg/l	aquatic organisms	marine water	short-term (single instance)
Ethyl vanillin	121-32-4	PNEC	10 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Ethyl vanillin	121-32-4	PNEC	15 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Ethyl vanillin	121-32-4	PNEC	1.5 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Ethyl vanillin	121-32-4	PNEC	2.923 mg/kg	terrestrial organisms	soil	short-term (single instance)
Piperonal	120-57-0	PNEC	2.5 µg/l	aquatic organisms	freshwater	short-term (single instance)
Piperonal	120-57-0	PNEC	0.25 µg/l	aquatic organisms	marine water	short-term (single instance)
Piperonal	120-57-0	PNEC	10 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Piperonal	120-57-0	PNEC	11.9 µg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Piperonal	120-57-0	PNEC	1.2 µg/kg	aquatic organisms	marine sediment	short-term (single instance)
Piperonal	120-57-0	PNEC	0.84 µg/kg	terrestrial organisms	soil	short-term (single instance)
Piperonal	120-57-0	PNEC	25 µg/l	aquatic organisms	water	intermittent release
benzyl benzoate	120-51-4	PNEC	0.017 mg/l	aquatic organisms	freshwater	short-term (single instance)



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Refresh Your Car Mini Diffuser Spiced Vanilla

Version number: GHS 8.0
Replaces version of: 2020-12-07 (GHS 7)

Revision: 2020-12-15

Relevant PNECs of components of the mixture

Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
benzyl benzoate	120-51-4	PNEC	0.002 mg/l	aquatic organisms	marine water	short-term (single instance)
benzyl benzoate	120-51-4	PNEC	100 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
benzyl benzoate	120-51-4	PNEC	10.66 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
benzyl benzoate	120-51-4	PNEC	1.07 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
benzyl benzoate	120-51-4	PNEC	2.12 mg/kg	terrestrial organisms	soil	short-term (single instance)
Coumarin	91-64-5	PNEC	0.056 mg/l	aquatic organisms	water	intermittent release
Coumarin	91-64-5	PNEC	19 µg/l	aquatic organisms	freshwater	short-term (single instance)
Coumarin	91-64-5	PNEC	1.9 µg/l	aquatic organisms	marine water	short-term (single instance)
Coumarin	91-64-5	PNEC	6.4 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Coumarin	91-64-5	PNEC	0.15 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Coumarin	91-64-5	PNEC	0.015 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Coumarin	91-64-5	PNEC	0.018 mg/kg	terrestrial organisms	soil	short-term (single instance)
citral	5392-40-5	PNEC	0.007 mg/l	aquatic organisms	freshwater	short-term (single instance)
citral	5392-40-5	PNEC	0.001 mg/l	aquatic organisms	marine water	short-term (single instance)
citral	5392-40-5	PNEC	1.6 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
citral	5392-40-5	PNEC	0.125 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
citral	5392-40-5	PNEC	0.013 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
citral	5392-40-5	PNEC	0.021 mg/kg	terrestrial organisms	soil	short-term (single instance)



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Refresh Your Car Mini Diffuser Spiced Vanilla

Version number: GHS 8.0
Replaces version of: 2020-12-07 (GHS 7)

Revision: 2020-12-15

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 suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

- Type of material

PVA: polyvinyl alcohol, Nitrile

- Material thickness

>0.5 mm

- Breakthrough times of the glove material

>120 minutes (permeation: level 4)

- 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

Physical state	liquid
Color	light yellow - yellow - whitish yellow
Odor	characteristic



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Refresh Your Car Mini Diffuser Spiced Vanilla

Version number: GHS 8.0
Replaces version of: 2020-12-07 (GHS 7)

Revision: 2020-12-15

Other safety parameters

pH (value)	not determined
Melting point/freezing point	not determined
Initial boiling point and boiling range	205.3 °C at 1,013 hPa
Flash point	94 °C
Evaporation rate	Not determined
Flammability (solid, gas)	not relevant, (fluid)
Vapor pressure	0.103 hPa at 20 °C
Density	1,009 kg/m ³
Vapor density	this information is not available
Solubility(ies)	not determined

Partition coefficient

- n-octanol/water (log KOW)	this information is not available
Auto-ignition temperature	340 °C (auto-ignition temperature (liquids and gases))
Viscosity	not determined
Explosive properties	none
Oxidizing properties	none

9.2 Other information

Temperature class (USA, acc. to NEC 500)	T2 (maximum permissible surface temperature on the equipment: 300°C)
--	--



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Refresh Your Car Mini Diffuser Spiced Vanilla

Version number: GHS 8.0
Replaces version of: 2020-12-07 (GHS 7)

Revision: 2020-12-15

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.

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.

GHS of the United Nations, annex 4: May be harmful in contact with skin.

Acute toxicity estimate (ATE) of components of the mixture

Name of substance	CAS No	Exposure route	ATE
Dipropylene glycol methyl ether acetate	88917-22-0	inhalation: vapor	5.7 mg _I /4h
benzyl alcohol	100-51-6	oral	1,580 mg _I /kg
benzyl alcohol	100-51-6	inhalation: vapor	11 mg _I /4h
benzyl alcohol	100-51-6	inhalation: dust/mist	4.178 mg _I /4h
Cinnamal	104-55-2	dermal	1,100 mg _I /kg



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Refresh Your Car Mini Diffuser Spiced Vanilla

Version number: GHS 8.0
Replaces version of: 2020-12-07 (GHS 7)

Revision: 2020-12-15

Acute toxicity estimate (ATE) of components of the mixture

Name of substance	CAS No	Exposure route	ATE
Eugenol	97-53-0	oral	1,500 mg/kg
Coumarin	91-64-5	oral	293 mg/kg
Coumarin	91-64-5	dermal	293 mg/kg

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Causes serious eye irritation.

Respiratory or skin sensitization

May cause an allergic skin reaction.

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
Coumarin	91-64-5	3	
Eugenol	97-53-0	3	

Legend

3 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.

Refresh Your Car Mini Diffuser Spiced Vanilla

Version number: GHS 8.0
Replaces version of: 2020-12-07 (GHS 7)

Revision: 2020-12-15

SECTION 12: Ecological information

12.1 Toxicity

Toxic 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
Dipropylene glycol methyl ether acetate	88917-22-0	LC50	117.6 mg/l	fish	24 h
Dipropylene glycol methyl ether acetate	88917-22-0	EC50	1,090 mg/l	aquatic invertebrates	48 h
Dipropylene glycol methyl ether acetate	88917-22-0	ErC50	>1,000 mg/l	algae	72 h
Dipropylene glycol methyl ether acetate	88917-22-0	NOEC	125 mg/l	fish	96 h
benzyl alcohol	100-51-6	LC50	770 mg/l	fish	24 h
benzyl alcohol	100-51-6	EC50	230 mg/l	aquatic invertebrates	48 h
benzyl alcohol	100-51-6	ErC50	770 mg/l	algae	72 h
benzyl alcohol	100-51-6	NOEC	310 mg/l	algae	72 h
Cinnamal	104-55-2	LC50	2.35 mg/l	fish	24 h
Cinnamal	104-55-2	EC50	119.6 mg/l	aquatic invertebrates	48 h
Cinnamal	104-55-2	NOEC	37.23 mg/l	algae	72 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
Eugenol	97-53-0	NOEC	10 mg/l	fish	24 h
Eugenol	97-53-0	LOEC	38 mg/l	algae	72 h
Eugenol	97-53-0	growth rate (ErCx) 10%	23 mg/l	algae	72 h
Eugenol	97-53-0	growth (EbCx) 10%	35 mg/l	algae	72 h
Ethyl vanillin	121-32-4	LC50	87.6 mg/l	fish	96 h
Ethyl vanillin	121-32-4	EC50	26.2 mg/l	aquatic invertebrates	48 h



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Refresh Your Car Mini Diffuser Spiced Vanilla

Version number: GHS 8.0
Replaces version of: 2020-12-07 (GHS 7)

Revision: 2020-12-15

Aquatic toxicity (acute) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Ethyl vanillin	121-32-4	ErC50	>100 mg/l	algae	72 h
Ethyl vanillin	121-32-4	NOEC	21.2 mg/l	algae	72 h
Ethyl vanillin	121-32-4	growth (EbCx) 10%	12.7 mg/l	aquatic invertebrates	48 h
Piperonal	120-57-0	LC50	1.6 mg/l	fish	24 h
Piperonal	120-57-0	EC50	82 mg/l	aquatic invertebrates	24 h
Piperonal	120-57-0	ErC50	31 mg/l	algae	72 h
Piperonal	120-57-0	NOEC	1.6 mg/l	fish	96 h
Piperonal	120-57-0	growth rate (ErCx) 10%	4.8 mg/l	algae	72 h
Piperonal	120-57-0	growth (EbCx) 10%	0.94 mg/l	algae	72 h
benzyl benzoate	120-51-4	LC50	2.32 mg/l	fish	96 h
benzyl benzoate	120-51-4	EC50	4.26 mg/l	aquatic invertebrates	24 h
benzyl benzoate	120-51-4	ErC50	0.475 mg/l	algae	72 h
benzyl benzoate	120-51-4	NOEC	1.73 mg/l	aquatic invertebrates	48 h
Anisyl acetate	104-21-2	LC50	13.1 mg/l	fish	96 h
Anisyl acetate	104-21-2	EC50	31 mg/l	aquatic invertebrates	48 h
Anisyl acetate	104-21-2	ErC50	59.9 mg/l	algae	72 h
Anisyl acetate	104-21-2	NOEC	6.99 mg/l	algae	72 h
Anisyl acetate	104-21-2	LOEC	23.1 mg/l	algae	72 h
Anisyl acetate	104-21-2	growth (EbCx) 10%	20 mg/l	aquatic invertebrates	48 h
Anisyl acetate	104-21-2	growth rate (ErCx) 10%	28.8 mg/l	algae	72 h
Coumarin	91-64-5	LC50	2.94 mg/l	fish	96 h
Coumarin	91-64-5	EC50	8.012 mg/l	aquatic invertebrates	48 h
Coumarin	91-64-5	NOEC	0.431 mg/l	algae	72 h



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Refresh Your Car Mini Diffuser Spiced Vanilla

Version number: GHS 8.0
Replaces version of: 2020-12-07 (GHS 7)

Revision: 2020-12-15

Aquatic toxicity (acute) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
citral	5392-40-5	LC50	6.78 mg/l	fish	96 h
citral	5392-40-5	EC50	6.8 mg/l	aquatic invertebrates	48 h
citral	5392-40-5	ErC50	103.8 mg/l	algae	72 h
citral	5392-40-5	NOEC	4.6 mg/l	fish	96 h
citral	5392-40-5	growth rate (ErCx) 10%	3 mg/l	algae	72 h

Aquatic toxicity (chronic) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Dipropylene glycol methyl ether acetate	88917-22-0	LC50	211.1 mg/l	fish	3 h
Dipropylene glycol methyl ether acetate	88917-22-0	EC50	>1,000 mg/l	microorganisms	3 h
benzyl alcohol	100-51-6	LC50	770 mg/l	fish	1 h
benzyl alcohol	100-51-6	EC50	66 mg/l	aquatic invertebrates	21 d
benzyl alcohol	100-51-6	NOEC	48.9 mg/l	fish	30 d
Cinnamal	104-55-2	LC50	100.4 mg/l	fish	96 h
Cinnamal	104-55-2	EC50	0.402 mg/l	aquatic invertebrates	21 d
Cinnamal	104-55-2	NOEC	15.16 mg/l	fish	28 d
Eugenol	97-53-0	LC50	13 mg/l	fish	24 h
Eugenol	97-53-0	NOEC	10 mg/l	fish	24 h
Ethyl vanillin	121-32-4	EC50	24 mg/l	aquatic invertebrates	21 d
Ethyl vanillin	121-32-4	LOEC	18 mg/l	aquatic invertebrates	21 d
Ethyl vanillin	121-32-4	NOEC	10 mg/l	aquatic invertebrates	21 d
Piperonal	120-57-0	LC50	1.6 mg/l	fish	24 h
Piperonal	120-57-0	EC50	82 mg/l	aquatic invertebrates	24 h
benzyl benzoate	120-51-4	LC50	11 mg/l	aquatic invertebrates	24 h

Refresh Your Car Mini Diffuser Spiced Vanilla

Version number: GHS 8.0
Replaces version of: 2020-12-07 (GHS 7)

Revision: 2020-12-15

Aquatic toxicity (chronic) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
benzyl benzoate	120-51-4	EC50	>10,000 mg/l	microorganisms	3 h
benzyl benzoate	120-51-4	NOEC	0.258 mg/l	aquatic invertebrates	21 d
benzyl benzoate	120-51-4	LOEC	0.455 mg/l	aquatic invertebrates	21 d
Anisyl acetate	104-21-2	EC50	52 mg/l	aquatic invertebrates	24 h
Anisyl acetate	104-21-2	growth (EbCx) 10%	19 mg/l	aquatic invertebrates	24 h
Coumarin	91-64-5	NOEC	0.191 mg/l	fish	30 d
citral	5392-40-5	EC50	160 mg/l	microorganisms	30 min
citral	5392-40-5	growth (EbCx) 20%	68 mg/l	microorganisms	30 min

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 Endocrine disrupting properties

The mixture contains substance(s) with an endocrine disrupting potential.

12.7 Other adverse effects

Data are not available.

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.



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Refresh Your Car Mini Diffuser Spiced Vanilla

Version number: GHS 8.0
Replaces version of: 2020-12-07 (GHS 7)

Revision: 2020-12-15

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 subject to transport regulations |
| 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) - Additional information

Not subject to transport regulations.

International Maritime Dangerous Goods Code (IMDG) - Additional information

Not subject to IMDG.

International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information

Not subject to ICAO-IATA.

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



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Refresh Your Car Mini Diffuser Spiced Vanilla

Version number: GHS 8.0
Replaces version of: 2020-12-07 (GHS 7)

Revision: 2020-12-15

- 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
Dipropylene glycol methyl ether acetate		88917-22-0	diluent	
Benzyl alcohol	Benzyl alcohol	100-51-6		EU Fragrance Allergens
Cinnamal	Cinnamal	104-55-2	fragrance	EU Fragrance Allergens
Eugenol	Eugenol	97-53-0		EU Fragrance Allergens
Benzyl benzoate	Benzyl benzoate	120-51-4		EU Fragrance Allergens
Anisyl acetate		104-21-2	fragrance	
Citral	Citral	5392-40-5		EU Fragrance Allergens
Coumarin	Coumarin	91-64-5		EU Fragrance Allergens
Benzyl cinnamate	Benzyl cinnamate	103-41-3		EU Fragrance Allergens
Cinnamyl alcohol	Cinnamyl alcohol	104-54-1		EU Fragrance Allergens

- Toxic or Hazardous Substance List (MA-TURA)

none of the ingredients are listed

- Hazardous Substances List (MN-ERTK)

Name of substance	Name acc. to inventory	CAS No	References	Remarks
benzyl alcohol	Benzyl alcohol	100-51-6	I	

Legend

I American Industrial Hygiene Association (AIHA), "Workplace Environmental Exposure Level Guides" (1992), available from AIHA



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Refresh Your Car Mini Diffuser Spiced Vanilla

Version number: GHS 8.0
Replaces version of: 2020-12-07 (GHS 7)

Revision: 2020-12-15

- Hazardous Substance List (NJ-RTK)

Name of substance	Name acc. to inventory	CAS No	Remarks	Classifications
BHT	2,6-di-tert-butyl-p-cresol (phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-)	128-37-0		

- Hazardous Substance List (Chapter 323) (PA-RTK)

Name of substance	Name acc. to inventory	CAS No	Classification
benzyl alcohol	BENZENEMETHANOL	100-51-6	

- Hazardous Substance List (RI-RTK)

Name of substance	Name acc. to inventory	CAS No	References
BHT	2,6-Ditert. butyl-p-cresol	128-37-0	T

Legend

T Toxicity (ACGIH®)

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.

Category	Rating	Description
Chronic	/	none
Health	2	temporary or minor injury may occur
Flammability	1	material that must be preheated before ignition can occur
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).



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Refresh Your Car Mini Diffuser Spiced Vanilla

Version number: GHS 8.0
Replaces version of: 2020-12-07 (GHS 7)

Revision: 2020-12-15

Category	Degree of hazard	Description
Flammability	1	material that must be preheated before ignition can occur
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	all ingredients are listed
CN	IECSC	all ingredients are listed
EU	ECSI	all ingredients are listed
EU	REACH Reg.	all ingredients are listed
JP	CSCL-ENCS	all ingredients are listed
JP	ISHA-ENCS	not all ingredients are listed
KR	KECI	not all ingredients are listed
MX	INSQ	not all ingredients are listed
NZ	NZIoC	all ingredients are listed
PH	PICCS	all ingredients are listed
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)
ECSI	EC Substance Inventory (EINECS, ELINCS, NLP)
IECSC	Inventory of Existing Chemical Substances Produced or Imported in China
INSQ	National Inventory of Chemical Substances
ISHA-ENCS	Inventory of Existing and New Chemical Substances (ISHA-ENCS)
KECI	Korea Existing Chemicals Inventory
NZIoC	New Zealand Inventory of Chemicals
PICCS	Philippine Inventory of Chemicals and Chemical Substances (PICCS)
REACH Reg.	REACH registered substances
TCSI	Taiwan Chemical Substance Inventory
TSCA	Toxic Substance Control Act



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Refresh Your Car Mini Diffuser Spiced Vanilla

Version number: GHS 8.0
Replaces version of: 2020-12-07 (GHS 7)

Revision: 2020-12-15

15.2 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-relevant
3.2		Description of the mixture: change in the listing (table)	yes
9.1	Explosive limits: not determined		yes
12.7	Other adverse effects	Other adverse effects: Data are not available.	yes

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
49 CFR US DOT	49 CFR U.S. Department of Transportation
ACGIH®	American Conference of Governmental Industrial Hygienists
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
Acute Tox.	Acute toxicity
Asp. Tox.	Aspiration hazard
ATE	Acute Toxicity Estimate
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



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Refresh Your Car Mini Diffuser Spiced Vanilla

Version number: GHS 8.0
Replaces version of: 2020-12-07 (GHS 7)

Revision: 2020-12-15

Abbr.	Descriptions of used abbreviations
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
LOEC	Lowest Observed Effect Concentration
MARPOL	International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")
NLP	No-Longer Polymer
NOEC	No Observed Effect Concentration
NPCA-HMIS® III	National Paint and Coatings Association: Hazardous Materials Identification System - HMIS® III, Third Edition
OSHA	Occupational Safety and Health Administration (United States)
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
ppm	Parts per million
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.



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Refresh Your Car Mini Diffuser Spiced Vanilla

Version number: GHS 8.0
Replaces version of: 2020-12-07 (GHS 7)

Revision: 2020-12-15

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
H227	Combustible liquid.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.

Disclaimer

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