



Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Refresh Dual Vent Sticks-Psychedelic Flower-Neon Jungle

Version number: 1.0

Date of compilation: 2017-12-19

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

1.1 Product identifier

Trade name	Refresh Dual Vent Sticks-Psychedelic Flower-Neon Jungle
Alternative number(s)	09482 141100 E301335100 09478 141108 E301335300

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

Relevant identified uses	Consumer Use (Car Air Freshener)
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1.3 Details of the supplier of the safety data sheet

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

Telephone: 800-383-7323 (USA / CANADA)
[Http://data.energizer.com](http://data.energizer.com)

1.4 Emergency telephone number

1-314-985-1511

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)

Hazardous to the aquatic environment - chronic hazard. Aquatic Chronic 3. H412.

For full text of abbreviations: see SECTION 16.

Additional information

Adverse health effects are not reasonably expected from normal use of product. This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP)

- Signal word not required
- Pictograms not required



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- Hazard statements

H412 Harmful to aquatic life with long lasting effects.

- Precautionary statements

P102 Keep out of reach of children.

P273 Avoid release to the environment.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- Supplemental hazard information

EUH208 Contains limonene, 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one, Ethyl 3-phenyloxirane-2-carboxylate, Cineole. May produce an allergic reaction.

Derogations from labelling requirements

Labelling of packages where the contents do not exceed 125 ml

- Signal word

- Hazard statements

H412 Harmful to aquatic life with long lasting effects.

- Precautionary statements

P102 Keep out of reach of children.

- Supplemental hazard information

EUH208 Contains limonene, 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one, Ethyl 3-phenyloxirane-2-carboxylate, Cineole. May produce an allergic reaction.

- Contains limonene, 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one, Ethyl 3-phenyloxirane-2-carboxylate, Cineole

2.3 Other hazards

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

Description of the mixture



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Name of substance	Identifier	Wt%	Classification acc. to GHS
3,5,5-trimethylhexyl acetate	CAS No 58430-94-7 EC No 261-245-9	5 - < 10	Skin Irrit. 2 / H315 Aquatic Chronic 2 / H411
benzyl benzoate	CAS No 120-51-4 EC No 204-402-9	5 - < 10	Acute Tox. 4 / H302 Aquatic Chronic 2 / H411
2-tert-butylcyclohexyl acetate	CAS No 88-41-5 20298-69-5 EC No 201-828-7 243-718-1	1 - < 2.5	Aquatic Chronic 2 / H411
α,α -dimethylphenethyl butyrate	CAS No 10094-34-5 EC No 233-221-8	1 - < 2.5	Skin Irrit. 2 / H315 Aquatic Chronic 2 / H411
(E)-4-(2,6,6-trimethyl-1-cyclohexen-1-yl)-3-buten-2-one	CAS No 79-77-6 EC No 201-224-3	< 1	Aquatic Chronic 2 / H411
Trimethylcyclopentenylmethoxyabicyclooctane	CAS No 426218-78-2 EC No 422-040-1	< 1	Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 Aquatic Chronic 2 / H411
4-(2,6,6-trimethyl-1-cyclohexen-1-yl)butan-2-one	CAS No 17283-81-7 EC No 241-318-1	< 1	Aquatic Chronic 2 / H411
limonene	CAS No 138-86-3 EC No 205-341-0	< 1	Flam. Liq. 3 / H226 Skin Irrit. 2 / H315 Skin Sens. 1 / H317 Aquatic Acute 1 / H400 Aquatic Chronic 1 / H410
3-Methyl-5-phenylpentanol	CAS No 55066-48-3 90866-30-1	< 1	Acute Tox. 4 / H302 STOT RE 2 / H373
3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one	CAS No 127-51-5 EC No 204-846-3	< 1	Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 Skin Sens. 1B / H317 Aquatic Chronic 2 / H411



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Name of substance	Identifier	Wt%	Classification acc. to GHS
Ethyl 3-phenyloxirane-2-carboxylate	CAS No 121-39-1 EC No 204-467-3	< 1	Skin Sens. 1 / H317
(Z)-3-hexenyl salicylate	CAS No 65405-77-8 EC No 265-745-8	< 1	Aquatic Acute 1 / H400
2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol	CAS No 28219-61-6 EC No 248-908-8	< 1	Eye Irrit. 2 / H319 Aquatic Acute 1 / H400 Aquatic Chronic 1 / H410
Cineole	CAS No 470-82-6 EC No 207-431-5	< 1	Flam. Liq. 3 / H226 Skin Sens. 1B / 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.

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. Call a physician immediately.



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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: Firefighting 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

Nitrogen oxides (NO_x), Carbon monoxide (CO), Carbon dioxide (CO₂)

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Co-ordinate 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 vapours/dust/spray/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

Advices on how to contain a spill

Covering of drains, Take up mechanically

Advices on how to clean up a spill

Take up mechanically.



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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.

Control of effects

Protect against external exposure, such as

Heat, High temperatures

7.3 Specific end use(s)

See section 16 for a general overview.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

These information are not available.

Relevant DNELs/DMELs/PNECs and other threshold levels

no data available



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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

Physical state	solid
Colour	Conforms to Standard
Odour	characteristic
pH (value)	not applicable
Melting point/freezing point	not determined
Initial boiling point and boiling range	not determined
Flash point	94 °C
Evaporation rate	not determined
Flammability (solid, gas)	non-combustible
Explosion limits of dust clouds	not determined
Vapour pressure	not determined
Density	not determined
Vapour density	this information is not available
Relative density	information on this property is not available
Solubility(ies)	not determined



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	this information is not available
Auto-ignition temperature	not determined
Viscosity	not relevant (solid matter)
Explosive properties	none
Oxidising properties	none

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

Oxidisers

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 according to GHS (1272/2008/EC, CLP)



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Acute toxicity

Shall not be classified as acutely toxic.

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

Respiratory or skin sensitisation

Contains limonene, 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one, Ethyl 3-phenyloxirane-2-carboxylate, Cineole. May produce an allergic reaction.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Shall not be classified as carcinogenic.

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 (chronic) of components of the mixture				
Name of substance	CAS No	Endpoint	Value	Species
3,5,5-trimethylhexyl acetate	58430-94-7	EC50	>5.4 mg/l	aquatic invertebrates
benzyl benzoate	120-51-4	EC50	4.26 mg/l	aquatic invertebrates
benzyl benzoate	120-51-4	LC50	11 mg/l	aquatic invertebrates
(E)-4-(2,6,6-trimethyl-1-cyclohexen-1-yl)-3-buten-2-one	79-77-6	EC50	200 mg/l	microorganisms



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Aquatic toxicity (chronic) of components of the mixture				
Name of substance	CAS No	Endpoint	Value	Species
Trimethylcyclopentenylmethyloxabicycooctane	426218-78-2	EC50	1.9 mg/l	aquatic invertebrates
3-Methyl-5-phenylpentanol	55066-48-3 90866-30-1	EC50	20 mg/l	aquatic invertebrates
(Z)-3-hexenyl salicylate	65405-77-8	EC50	3.7 mg/l	aquatic invertebrates
2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol	28219-61-6	EC50	225 mg/l	microorganisms
Cineole	470-82-6	EC50	>100 mg/l	microorganisms

12.2 Persistence and degradability

Data are not available

Name of substance	CAS No	Process	Degradation rate	Time	Method	Source
(E)-4-(2,6,6-trimethyl-1-cyclohexen-1-yl)-3-buten-2-one	79-77-6	oxygen depletion	70 – 80 %	28 d		ECHA
3-Methyl-5-phenylpentanol	55066-48-3 90866-30-1	oxygen depletion	96 %	28 d		ECHA
(Z)-3-hexenyl salicylate	65405-77-8	oxygen depletion	89 %	28 d		ECHA
Cineole	470-82-6	carbon dioxide generation	82 %	28 d		ECHA

12.3 Bioaccumulative potential

Data are not available.

Bioaccumulative potential of components of the mixture				
Name of substance	CAS No	BCF	Log KOW	BOD5/COD
3,5,5-trimethylhexyl acetate	58430-94-7		4.6 (25 °C)	
benzyl benzoate	120-51-4		3.97 (25 °C)	
(E)-4-(2,6,6-trimethyl-1-cyclohexen-1-yl)-3-buten-2-one	79-77-6	202.4	4 (25 °C)	
Trimethylcyclopentenylmethyloxabicycooctane	426218-78-2		>3.66 (21 °C)	
4-(2,6,6-trimethyl-1-cyclohexen-1-yl)butan-2-one	17283-81-7		4.5 (pH value: 7, 20 °C)	



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Bioaccumulative potential of components of the mixture

Name of substance	CAS No	BCF	Log KOW	BOD5/COD
3-Methyl-5-phenylpentanol	55066-48-3 90866-30-1		2.7 (30 °C)	
(Z)-3-hexenyl salicylate	65405-77-8		4.8 (25 °C)	
2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol	28219-61-6		4.4 (35 °C)	
Cineole	470-82-6		3.4	

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.

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/packagings

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 subject to transport regulations
14.2 UN proper shipping name	not relevant
14.3 Transport hazard class(es)	none
14.4 Packing group	not relevant
14.5 Environmental hazards	non-environmentally hazardous acc. to the dangerous goods regulations



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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

Not subject to RID.

International Maritime Dangerous Goods Code (IMDG)

Not subject to IMDG.

SECTION 15: Regulatory information

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

Relevant provisions of the European Union (EU)

List of substances subject to authorisation (REACH, Annex XIV)

none of the ingredients are listed

Regulation 166/2006/EC concerning the establishment of a European Pollutant Release and Transfer Register (PRTR)

none of the ingredients are listed

Directive 2000/60/EC establishing a framework for Community action in the field of water policy (WFD)

none of the ingredients are listed

15.2 Chemical Safety Assessment

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

SECTION 16: Other information

Key literature references and sources for data

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures. Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU.

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN). 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).



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

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Code.	Text.
H226.	Flammable liquid and vapour.
H302.	Harmful if swallowed.
H315.	Causes skin irritation.
H317.	May cause an allergic skin reaction.
H319.	Causes serious eye irritation.
H373.	May cause damage to organs through prolonged or repeated exposure.
H400.	Very toxic to aquatic life.
H410.	Very toxic to aquatic life with long lasting effects.
H411.	Toxic to aquatic life with long lasting effects.
H412.	Harmful to aquatic life with long lasting effects.

Disclaimer

This SDS has been compiled and is solely intended for this product. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.