



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Refresh Vent Sticks - Newport New Car

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

Revision: 2020-10-21

### SECTION 1: Identification

#### 1.1 Product identifier

Trade name **Refresh Vent Sticks - Newport New Car**

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

Relevant identified uses Consumer uses

#### 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](mailto: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)  
This mixture does not meet the criteria for classification.

#### 2.2 Label elements

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

- Signal word not required
- Pictograms not required
- Precautionary statements  
P102 Keep out of reach of children.

#### 2.3 Other hazards

There is no additional information.



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Refresh Vent Sticks - Newport New Car

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

Revision: 2020-10-21

### Hazards not otherwise classified

Contains Geranium Oil, isocyclocitral, Fir needle oil, Canadian, Cyclamal, Isobornyl acetate, citronellol, Linalool, Hydroxycitronellal, 2,4-dimethylcyclohex-3-ene-1-carbaldehyde, Dorisyl. May produce an allergic reaction.

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

Description of the mixture

Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms
Dorisyl	CAS No 32210-23-4	50 - < 75	Skin Sens. 1B / H317	
Linalool	CAS No 78-70-6	5 - < 10	Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 Skin Sens. 1B / H317 Flam. Liq. 4 / H227	
Isobornyl acetate	CAS No 125-12-2	1 - < 5	Skin Sens. 1B / H317 Flam. Liq. 4 / H227	
Hydroxycitronellal	CAS No 107-75-5	1 - < 5	Eye Irrit. 2 / H319 Skin Sens. 1B / H317	
isocyclocitral	CAS No 1335-66-6	1 - < 5	Eye Irrit. 2 / H319 Skin Sens. 1 / H317	
citronellol	CAS No 106-22-9	1 - < 5	Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 Skin Sens. 1B / H317	
Hedione	CAS No 24851-98-7	1 - < 5	Acute Tox. 4 / H332	
2,6-dimethylheptan-2-ol	CAS No 13254-34-7	1 - < 5	Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 Flam. Liq. 4 / H227	

For full text of abbreviations: see SECTION 16.



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Refresh Vent Sticks - Newport New Car

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

Revision: 2020-10-21

### 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.

#### 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 (CO<sub>2</sub>)

#### 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.



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Refresh Vent Sticks - Newport New Car

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

Revision: 2020-10-21

### 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

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.



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Refresh Vent Sticks - Newport New Car

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

Revision: 2020-10-21

### 7.3 Specific end use(s)

See section 16 for a general overview.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

This information is not available.

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
Linalool	78-70-6	DNEL	2.8 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
Linalool	78-70-6	DNEL	16.5 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	acute - systemic effects
Linalool	78-70-6	DNEL	2.5 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Linalool	78-70-6	DNEL	5 mg/kg bw/day	human, dermal	worker (industry)	acute - systemic effects
Isobornyl acetate	125-12-2	DNEL	13.22 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
Isobornyl acetate	125-12-2	DNEL	26.45 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	acute - systemic effects
Isobornyl acetate	125-12-2	DNEL	1.15 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Isobornyl acetate	125-12-2	DNEL	0.3 mg/kg bw/day	human, dermal	worker (industry)	acute - systemic effects
Hydroxycitronellal	107-75-5	DNEL	18 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
Hydroxycitronellal	107-75-5	DNEL	1.9 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Hydroxycitronellal	107-75-5	DNEL	500 µg/cm <sup>2</sup>	human, dermal	worker (industry)	acute - local effects
citronellol	106-22-9	DNEL	161.6 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
citronellol	106-22-9	DNEL	10 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - local effects
citronellol	106-22-9	DNEL	10 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	acute - local effects



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Refresh Vent Sticks - Newport New Car

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

Revision: 2020-10-21

### 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
citronellol	106-22-9	DNEL	327.4 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
citronellol	106-22-9	DNEL	2,950 µg/cm <sup>2</sup>	human, dermal	worker (industry)	acute - local effects
Hedione	24851-98-7	DNEL	29.3 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
Hedione	24851-98-7	DNEL	9.04 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
2,6-dimethylheptan-2-ol	13254-34-7	DNEL	4.02 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
2,6-dimethylheptan-2-ol	13254-34-7	DNEL	16.08 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	acute - systemic effects
2,6-dimethylheptan-2-ol	13254-34-7	DNEL	10.05 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - local effects
2,6-dimethylheptan-2-ol	13254-34-7	DNEL	40.2 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	acute - local effects
2,6-dimethylheptan-2-ol	13254-34-7	DNEL	1.14 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
2,6-dimethylheptan-2-ol	13254-34-7	DNEL	4.56 mg/kg bw/day	human, dermal	worker (industry)	acute - systemic effects

### Relevant PNECs of components of the mixture

Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
Dorisyl	32210-23-4	PNEC	5.3 µg/l	aquatic organisms	freshwater	short-term (single instance)
Dorisyl	32210-23-4	PNEC	0.53 µg/l	aquatic organisms	marine water	short-term (single instance)
Dorisyl	32210-23-4	PNEC	12.2 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Dorisyl	32210-23-4	PNEC	2.01 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Dorisyl	32210-23-4	PNEC	0.21 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Dorisyl	32210-23-4	PNEC	66.67 mg/kg	aquatic organisms	water	short-term (single instance)



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Refresh Vent Sticks - Newport New Car

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

Revision: 2020-10-21

Relevant PNECs of components of the mixture						
Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
Dorisyl	32210-23-4	PNEC	0.42 mg/kg	terrestrial organisms	soil	short-term (single instance)
Dorisyl	32210-23-4	PNEC	53 µg/l	aquatic organisms	water	intermittent release
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 release
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 treatment plant (STP)	short-term (single instance)
Linalool	78-70-6	PNEC	2.22 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Linalool	78-70-6	PNEC	0.222 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Linalool	78-70-6	PNEC	0.327 mg/kg	terrestrial organisms	soil	short-term (single instance)
Isobornyl acetate	125-12-2	PNEC	10 µg/l	aquatic organisms	freshwater	short-term (single instance)
Isobornyl acetate	125-12-2	PNEC	1 µg/l	aquatic organisms	marine water	short-term (single instance)
Isobornyl acetate	125-12-2	PNEC	2 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Isobornyl acetate	125-12-2	PNEC	460 µg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Isobornyl acetate	125-12-2	PNEC	46 µg/kg	aquatic organisms	marine sediment	short-term (single instance)
Isobornyl acetate	125-12-2	PNEC	86.1 µg/kg	terrestrial organisms	soil	short-term (single instance)
Hydroxycitronellal	107-75-5	PNEC	316 µg/l	aquatic organisms	water	intermittent release
Hydroxycitronellal	107-75-5	PNEC	31.6 µg/l	aquatic organisms	freshwater	short-term (single instance)



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Refresh Vent Sticks - Newport New Car

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

Revision: 2020-10-21

Relevant PNECs of components of the mixture						
Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
Hydroxycitronellal	107-75-5	PNEC	3.16 µg/l	aquatic organisms	marine water	short-term (single instance)
Hydroxycitronellal	107-75-5	PNEC	10 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Hydroxycitronellal	107-75-5	PNEC	0.145 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Hydroxycitronellal	107-75-5	PNEC	0.015 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Hydroxycitronellal	107-75-5	PNEC	0.011 mg/kg	terrestrial organisms	soil	short-term (single instance)
citronellol	106-22-9	PNEC	0.024 mg/l	aquatic organisms	water	intermittent release
citronellol	106-22-9	PNEC	0.002 mg/l	aquatic organisms	freshwater	short-term (single instance)
citronellol	106-22-9	PNEC	0 mg/l	aquatic organisms	marine water	short-term (single instance)
citronellol	106-22-9	PNEC	580 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
citronellol	106-22-9	PNEC	0.026 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
citronellol	106-22-9	PNEC	0.003 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
citronellol	106-22-9	PNEC	0.004 mg/kg	terrestrial organisms	soil	short-term (single instance)
Hedione	24851-98-7	PNEC	186 µg/l	aquatic organisms	water	intermittent release
Hedione	24851-98-7	PNEC	37.2 µg/l	aquatic organisms	freshwater	short-term (single instance)
Hedione	24851-98-7	PNEC	3.72 µg/l	aquatic organisms	marine water	short-term (single instance)
Hedione	24851-98-7	PNEC	10 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Hedione	24851-98-7	PNEC	1,897 µg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Hedione	24851-98-7	PNEC	189.7 µg/kg	aquatic organisms	marine sediment	short-term (single instance)



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Refresh Vent Sticks - Newport New Car

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

Revision: 2020-10-21

Relevant PNECs of components of the mixture						
Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
Hedione	24851-98-7	PNEC	357.6 µg/kg	terrestrial organisms	soil	short-term (single instance)
2,6-dimethylheptan-2-ol	13254-34-7	PNEC	0.024 mg/l	aquatic organisms	freshwater	short-term (single instance)
2,6-dimethylheptan-2-ol	13254-34-7	PNEC	0.002 mg/l	aquatic organisms	marine water	short-term (single instance)
2,6-dimethylheptan-2-ol	13254-34-7	PNEC	8 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
2,6-dimethylheptan-2-ol	13254-34-7	PNEC	0.89 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
2,6-dimethylheptan-2-ol	13254-34-7	PNEC	0.089 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
2,6-dimethylheptan-2-ol	13254-34-7	PNEC	0.177 mg/kg	terrestrial organisms	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.



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Refresh Vent Sticks - Newport New Car

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

Revision: 2020-10-21

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

##### Appearance

Physical state	solid
Color	blue
Odor	Pleasant

##### Other safety parameters

pH (value)	not applicable
Melting point/freezing point	not determined
Initial boiling point and boiling range	196.3 °C at 99.2 kPa
Flash point	94 °C
Evaporation rate	not determined
Flammability (solid, gas)	this material is combustible, but will not ignite readily
Explosion limits of dust clouds	not determined
Vapor pressure	1 hPa at 67 °C
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
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# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Refresh Vent Sticks - Newport New Car

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

Revision: 2020-10-21

Auto-ignition temperature	210 °C (relative self-ignition temperature for solids)
Viscosity	not relevant (solid matter)
Explosive properties	none
Oxidizing properties	none

### 9.2 Other information

Temperature class (USA, acc. to NEC 500)	T2B (maximum permissible surface temperature on the equipment: 260°C)
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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

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

### 10.2 Chemical stability

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

### 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.



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Refresh Vent Sticks - Newport New Car

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

Revision: 2020-10-21

### 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)

This mixture does not meet the criteria for classification.

##### Acute toxicity

Shall not be classified as acutely toxic.

Acute toxicity estimate (ATE) of components of the mixture

Name of substance	CAS No	Exposure route	ATE
Hedione	24851-98-7	inhalation: vapor	11 mg <sub>i</sub> /4h
Hedione	24851-98-7	inhalation: dust/mist	4.93 mg <sub>i</sub> /4h

##### 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 sensitization

Contains Geranium Oil, isocyclocitral, Fir needle oil, Canadian, Cyclamal, Isobornyl acetate, citronellol, Linalool, Hydroxycitronellal, 2,4-dimethylcyclohex-3-ene-1-carbaldehyde, Dorisyl. 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.



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Refresh Vent Sticks - Newport New Car

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

Revision: 2020-10-21

### 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
Dorisyl	32210-23-4	LC50	8.6 mg/l	fish	96 h
Dorisyl	32210-23-4	EC50	5.3 mg/l	aquatic invertebrates	48 h
Dorisyl	32210-23-4	ErC50	22 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
Isobornyl acetate	125-12-2	LC50	≤18 mg/l	fish	48 h
Isobornyl acetate	125-12-2	EC50	19.3 mg/l	aquatic invertebrates	48 h
Isobornyl acetate	125-12-2	ErC50	>16.6 mg/l	algae	72 h
Hydroxycitronellal	107-75-5	LC50	31.6 mg/l	fish	96 h
Hydroxycitronellal	107-75-5	EC50	410 mg/l	aquatic invertebrates	48 h
Hydroxycitronellal	107-75-5	ErC50	123.3 mg/l	algae	72 h
citronellol	106-22-9	LC50	14.66 mg/l	fish	96 h
citronellol	106-22-9	EC50	17.48 mg/l	aquatic invertebrates	48 h
Hedione	24851-98-7	LC50	28 mg/l	fish	24 h
Hedione	24851-98-7	EC50	13.1 mg/l	aquatic invertebrates	24 h
Hedione	24851-98-7	ErC50	49.2 mg/l	algae	48 h
2,6-dimethylheptan-2-ol	13254-34-7	LC50	<46.4 mg/l	fish	96 h
2,6-dimethylheptan-2-ol	13254-34-7	EC50	24.18 mg/l	aquatic invertebrates	48 h
2,6-dimethylheptan-2-ol	13254-34-7	ErC50	23.77 mg/l	algae	72 h



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Refresh Vent Sticks - Newport New Car

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

Revision: 2020-10-21

### Aquatic toxicity (chronic) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Dorisyl	32210-23-4	EC50	302 mg/l	microorganisms	3 h
Linalool	78-70-6	LC50	27.8 mg/l	fish	24 h
Linalool	78-70-6	EC50	>100 mg/l	microorganisms	30 min
citronellol	106-22-9	EC50	>10,000 mg/l	microorganisms	30 min
Hedione	24851-98-7	LC50	28 mg/l	fish	24 h
Hedione	24851-98-7	EC50	0.732 mg/l	aquatic invertebrates	21 d

#### 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

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

### 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.



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Refresh Vent Sticks - Newport New Car

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

Revision: 2020-10-21

### SECTION 14: Transport information

- |  |   |
|--|---|
| <b>14.1 UN number</b>  | not assigned  |
| <b>14.2 UN proper shipping name</b>  | not assigned  |
| <b>14.3 Transport hazard class(es)</b>   | not assigned  |
| <b>14.4 Packing group</b>  | not assigned  |
| <b>14.5 Environmental hazards</b>  | non-environmentally hazardous acc. to the dangerous goods regulations |
| <b>14.6 Special precautions for user</b>                                       | There is no additional information.                                   |
| <b>14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code</b> | 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.

### 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



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Refresh Vent Sticks - Newport New Car

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

Revision: 2020-10-21

### 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
Dorisyl		32210-23-4	fragrance	
Linalyl acetate		115-95-7	fragrance	
Linalool	Linalool	78-70-6	fragrance	EU Fragrance Allergens
Xanthan gum		11138-66-2	thickener	
Isobornyl acetate		125-12-2	fragrance	
Guar gum		9000-30-0	thickener	
Hydroxycitronellal	Hydroxy-citronellal	107-75-5	fragrance	EU Fragrance Allergens
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran		1222-05-5	fragrance	
Hedione		24851-98-7	fragrance	
Citronellol	Citronellol	106-22-9	fragrance	EU Fragrance Allergens
Isocyclocitral		1335-66-6	fragrance	
2,6-dimethylheptan-2-ol		13254-34-7	fragrance	
PROPYLENE GLYCOL ALGINATE		9005-37-2	thickener	
Tricyclodecanyl acetate		5413-60-5	fragrance	
Cyclamal		103-95-7	fragrance	
Fir needle oil, Canadian		8021-28-1	fragrance	
Cedrol Crystals		77-53-2	fragrance	
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		68039-49-6	fragrance	
Geranium Oil		8000-46-2	fragrance	
Leaf Alcohol		928-96-1	fragrance	



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Refresh Vent Sticks - Newport New Car

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

Revision: 2020-10-21

Name of substance	Name acc. to inventory	CAS No	Functional-ity	Authoritative Lists
Sage oil		8022-56-8	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)

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.

Category	Rating	Description
Chronic	/	none
Health	2	temporary or minor injury may occur
Flammability	2	material that must be moderately heated or exposed to relatively high ambient temperatures 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).

Category	Degree of hazard	Description
Flammability	2	material that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Refresh Vent Sticks - Newport New Car

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

Revision: 2020-10-21

Category	Degree of hazard	Description
Health	0	material that, under emergency conditions, would offer no hazard beyond that of ordinary combustible material
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	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
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 Vent Sticks - Newport New Car

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

Revision: 2020-10-21

### 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
4.1	Following skin contact: Brush off loose particles from skin. Rinse skin with water/shower.	Following skin contact: Wash with plenty of soap and water.	yes
5.2	Special hazards arising from the substance or mixture: Deposited combustible dust has considerable explosion potential.	Special hazards arising from the substance or mixture	yes
7.1	- Measures to prevent fire as well as aerosol and dust generation: Use local and general ventilation. Take precautionary measures against static discharge. Use only in well-ventilated areas. Ground/bond container and receiving equipment.	- 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.	yes
7.2	- Ventilation requirements: Use local and general ventilation.		yes
8.1	Control parameters	Control parameters: This information is not available.	yes
8.1		Relevant DNELs of components of the mixture: change in the listing (table)	yes
8.1		Relevant PNECs of components of the mixture: change in the listing (table)	yes
8.2	Respiratory protection: Particulate filter device (EN 143).	Respiratory protection: In case of inadequate ventilation wear respiratory protection.	yes
9.2	Solvent content: 100 %		yes
9.2	Solid content: 0 %		yes
12.1		Aquatic toxicity (acute) of components of the mixture: change in the listing (table)	yes



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Refresh Vent Sticks - Newport New Car

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

Revision: 2020-10-21

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
12.1		Aquatic toxicity (chronic) of components of the mixture: change in the listing (table)	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

### Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
49 CFR US DOT	49 CFR U.S. Department of Transportation
Acute Tox.	Acute toxicity
ATE	Acute Toxicity Estimate
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
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



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Refresh Vent Sticks - Newport New Car

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

Revision: 2020-10-21

Abbr.	Descriptions of used abbreviations
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)
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
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
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
H227	Combustible liquid.
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.