



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Palms Hang Out Air Freshener - Capistrano Coconut

Version number: GHS 2.0
Replaces version of: 2018-12-17 (GHS 1)

Revision: 2018-12-17

SECTION 1: Identification

1.1 Product identifier

Trade name	Palms Hang Out Air Freshener - Capistrano Coconut
Alternative number(s)	02586, HP-016

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

Relevant identified uses	Consumer uses
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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)
e-mail: energizer@custhelp.com
Website: <http://data.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
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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

2.3 Other hazards

There is no additional information.

Hazards not otherwise classified

Contains Cinnamonnitrile, (E)-anethole, coumarin, piperonal. May produce an allergic reaction.
Harmful to aquatic life with long lasting effects (GHS category 3: aquatic toxicity - acute and/or chronic).

Results of PBT and vPvB assessment

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

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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
Dipropylene glycol methyl ether acetate	CAS No 88917-22-0	50 – < 75	Flam. Liq. 4 / H227	
methyl 3-oxo-2-pentylcyclopentaneacetate	CAS No 24851-98-7	5 – < 10	Acute Tox. 4 / H332	
3-ethoxy-4-hydroxybenzaldehyde	CAS No 121-32-4	1 – < 5	Eye Irrit. 2 / H319	
piperonal	CAS No 120-57-0	1 – < 5	Skin Sens. 1B / H317	
hexyl acetate	CAS No 142-92-7	1 – < 5	Flam. Liq. 3 / H226	
coumarin	CAS No 91-64-5	1 – < 5	Acute Tox. 3 / H301 Acute Tox. 3 / H311 Acute Tox. 3 / H331 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.

Following skin contact

Brush off loose particles from skin. Rinse skin with water/shower.

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.



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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

Deposited combustible dust has considerable explosion potential.

Hazardous combustion products

Nitrogen oxides (NOx), 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 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

Advices on how to contain a spill

Covering of drains, Take up mechanically



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Advices 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. Take precautionary measures against static discharge. 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.

- Ventilation requirements

Use local and general ventilation.

7.3 Specific end use(s)

See section 16 for a general overview.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters



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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]	Source
US	particulates not otherwise classified		REL					NIOSH REL
US	particulates not otherwise classified (PNOC)		PEL	1,766	15			29 CFR 1910.1000
US	particulates not otherwise classified (PNOC)		PEL	529.5	5			29 CFR 1910.1000
US	Particulates not otherwise regulated		PEL (CA)		10			Cal/OSHA PEL
US	Particulates not otherwise regulated		PEL (CA)		5			Cal/OSHA PEL

Notation

STEL short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)
TWA time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

Relevant DNELs of components of the mixture

Name of substance	CAS No	End-point	Threshold level	Protection goal, route of exposure	Used in	Exposure time
methyl 3-oxo-2-pentylcyclopentaneacetate	24851-98-7	DNEL	9.04 mg/kg	human, dermal	worker (industry)	chronic - systemic effects
methyl 3-oxo-2-pentylcyclopentaneacetate	24851-98-7	DNEL	29.3 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
piperonal	120-57-0	DNEL	2.5 mg/kg	human, dermal	worker (industry)	chronic - systemic effects
piperonal	120-57-0	DNEL	17.6 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
hexyl acetate	142-92-7	DNEL	14 mg/kg	human, dermal	worker (industry)	chronic - systemic effects
hexyl acetate	142-92-7	DNEL	48 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
coumarin	91-64-5	DNEL	0.84 mg/kg	human, dermal	worker (industry)	chronic - systemic effects
coumarin	91-64-5	DNEL	0.741 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects



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Relevant PNECs of components of the mixture

Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
methyl 3-oxo-2-pentylcyclopentaneacetate	24851-98-7	PNEC	37.2 µg/l	aquatic organisms	freshwater	short-term (single instance)
methyl 3-oxo-2-pentylcyclopentaneacetate	24851-98-7	PNEC	3.72 µg/l	aquatic organisms	marine water	short-term (single instance)
methyl 3-oxo-2-pentylcyclopentaneacetate	24851-98-7	PNEC	10 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
methyl 3-oxo-2-pentylcyclopentaneacetate	24851-98-7	PNEC	1,897 µg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
methyl 3-oxo-2-pentylcyclopentaneacetate	24851-98-7	PNEC	189.7 µg/kg	aquatic organisms	marine sediment	short-term (single instance)
methyl 3-oxo-2-pentylcyclopentaneacetate	24851-98-7	PNEC	357.6 µg/kg	terrestrial organisms	soil	short-term (single instance)
methyl 3-oxo-2-pentylcyclopentaneacetate	24851-98-7	PNEC	186 µg/l	aquatic organisms	water	intermittent release
3-ethoxy-4-hydroxy-benzaldehyde	121-32-4	PNEC	0.118 mg/l	aquatic organisms	freshwater	short-term (single instance)
3-ethoxy-4-hydroxy-benzaldehyde	121-32-4	PNEC	0.0118 mg/l	aquatic organisms	marine water	short-term (single instance)
3-ethoxy-4-hydroxy-benzaldehyde	121-32-4	PNEC	10 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
3-ethoxy-4-hydroxy-benzaldehyde	121-32-4	PNEC	15 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
3-ethoxy-4-hydroxy-benzaldehyde	121-32-4	PNEC	1.5 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
3-ethoxy-4-hydroxy-benzaldehyde	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)



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Relevant PNECs of components of the mixture						
Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
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
hexyl acetate	142-92-7	PNEC	0.0044 mg/l	aquatic organisms	freshwater	short-term (single instance)
hexyl acetate	142-92-7	PNEC	0.00044 mg/l	aquatic organisms	marine water	short-term (single instance)
hexyl acetate	142-92-7	PNEC	1 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
hexyl acetate	142-92-7	PNEC	0.144 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
hexyl acetate	142-92-7	PNEC	0.014 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
hexyl acetate	142-92-7	PNEC	0.026 mg/kg	terrestrial organisms	soil	short-term (single instance)
hexyl acetate	142-92-7	PNEC	0.044 mg/l	aquatic organisms	water	intermittent release
coumarin	91-64-5	PNEC	0.0056 mg/l	aquatic organisms	freshwater	short-term (single instance)
coumarin	91-64-5	PNEC	0.00056 mg/l	aquatic organisms	marine water	short-term (single instance)
coumarin	91-64-5	PNEC	10 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
coumarin	91-64-5	PNEC	0.207 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
coumarin	91-64-5	PNEC	0.0207 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
coumarin	91-64-5	PNEC	0.0217 mg/kg	terrestrial organisms	soil	short-term (single instance)
coumarin	91-64-5	PNEC	0.056 mg/l	aquatic organisms	water	intermittent release



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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

Particulate filter device (EN 143).

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	solid
Color	different
Odor	characteristic

Other safety parameters

pH (value)	not applicable
Melting point/freezing point	not determined
Initial boiling point and boiling range	443.6 K
Flash point	94 °C
Evaporation rate	not determined



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Flammability (solid, gas)	this material is combustible, but will not ignite readily
Explosion limits of dust clouds	not determined
Vapor pressure	0.144 kPa at 20 °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
Auto-ignition temperature	220 °C
Viscosity	not relevant (solid matter)
Explosive properties	none
Oxidizing properties	none

9.2 Other information

Solvent content	89.71 %
Solid content	10.29 %
Temperature class (USA, acc. to NEC 500)	T2D (maximum permissible surface temperature on the equipment: 215°C)

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.



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10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

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

Hints to prevent fire or explosion

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

10.5 Incompatible materials

Oxidizers

10.6 Hazardous decomposition products

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

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Test data are not available for the complete mixture.

Classification procedure

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

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

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
methyl 3-oxo-2-pentylcyclopentaneacetate	24851-98-7	inhalation: vapor	11 mg/l/4h
methyl 3-oxo-2-pentylcyclopentaneacetate	24851-98-7	inhalation: dust/mist	4.93 mg/l/4h
coumarin	91-64-5	oral	293 mg/kg
coumarin	91-64-5	dermal	300 mg/kg
coumarin	91-64-5	inhalation: dust/mist	0.5 mg/l/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.



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Respiratory or skin sensitization

Contains Cinnamonnitrile, (E)-anethole, coumarin, piperonal. May produce an allergic 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	Volume 77

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.

SECTION 12: Ecological information

12.1 Toxicity

Harmful to aquatic life with long lasting effects.

Aquatic toxicity (acute) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
methyl 3-oxo-2-pentyl-cyclopentaneacetate	24851-98-7	LC50	23 mg/l	fish	48 h
methyl 3-oxo-2-pentyl-cyclopentaneacetate	24851-98-7	EC50	8.25 mg/l	aquatic invertebrates	48 h
methyl 3-oxo-2-pentyl-cyclopentaneacetate	24851-98-7	ErC50	49.2 mg/l	algae	48 h
3-ethoxy-4-hydroxy-benzaldehyde	121-32-4	LC50	87.6 mg/l	fish	96 h



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Aquatic toxicity (acute) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
piperonal	120-57-0	LC50	2.8 mg/l	fish	48 h
piperonal	120-57-0	EC50	52 mg/l	aquatic invertebrates	48 h
piperonal	120-57-0	ErC50	31 mg/l	algae	72 h
hexyl acetate	142-92-7	EC50	9.1 mg/l	aquatic invertebrates	48 h
hexyl acetate	142-92-7	ErC50	12 mg/l	algae	72 h
coumarin	91-64-5	LC50	1.324 mg/l	fish	96 h
coumarin	91-64-5	EC50	8.012 mg/l	aquatic invertebrates	48 h

Aquatic toxicity (chronic) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
methyl 3-oxo-2-pentyl-cyclopentaneacetate	24851-98-7	LC50	28 mg/l	fish	24 h
methyl 3-oxo-2-pentyl-cyclopentaneacetate	24851-98-7	EC50	13.1 mg/l	aquatic invertebrates	24 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
hexyl acetate	142-92-7	EC50	1,000 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.



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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/packages

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

Remarks

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

SECTION 14: Transport information

- | | |
|--|---|
| 14.1 UN number | not 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 |
| 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

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

Not subject to transport regulations.

International Maritime Dangerous Goods Code (IMDG)

Not subject to IMDG.

International Civil Aviation Organization (ICAO-IATA/DGR)

Not subject to ICAO-IATA.



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SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

National regulations (United States)

Toxic Substance Control Act (TSCA) all ingredients are listed

Superfund Amendment and Reauthorization Act (SARA TITLE III)

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

none of the ingredients are listed

- Specific Toxic Chemical Listings (EPCRA Section 313)

none of the ingredients are listed

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

- List of Hazardous Substances and Reportable Quantities (CERCLA section 102a) (40 CFR 302.4)

none of the ingredients are listed

Clean Air Act

none of the ingredients are listed

New Jersey Worker and Community Right to Know Act

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).



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Category	Degree of hazard	Description
Flammability	2	material that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur
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	not all ingredients are listed
CA	NDSL	not all ingredients are listed
CN	IECSC	all ingredients are listed
EU	ECSI	not all ingredients are listed
EU	REACH Reg.	not all ingredients are listed
JP	CSCL-ENCS	not all ingredients are listed
JP	ISHA-ENCS	not all ingredients are listed
KR	KECI	not all ingredients are listed
MX	INSQ	not all ingredients are listed
NZ	NZIoC	not 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
NDSL	Non-domestic Substances List (NDSL)
NZIoC	New Zealand Inventory of Chemicals
PICCS	Philippine Inventory of Chemicals and Chemical Substances
REACH Reg.	REACH registered substances
TCSI	Taiwan Chemical Substance Inventory



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TSCA

Toxic Substance Control Act

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
1.1	Trade name: Hanging Palms Air Freshener - Capistrano Coconut	Trade name: Palms Hang Out Air Freshener - Capistrano Coconut	yes
9.1	Initial boiling point and boiling range: not determined	Initial boiling point and boiling range: 443.6 K	yes
9.1	Vapor pressure: not determined	Vapor pressure: 0.144 kPa at 20 °C	yes
9.1	Auto-ignition temperature: not determined	Auto-ignition temperature: 220 °C	yes
9.2		Temperature class (USA, acc. to NEC 500): T2D (maximum permissible surface temperature on the equipment: 215°C)	yes

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
29 CFR 1910.1000	29 CFR 1910.1000, Tables Z-1, Z-2, Z-3 - Occupational Safety and Health Standards: Toxic and Hazardous Substances (permissible exposure limits)
49 CFR US DOT	49 CFR § 40 U.S. Department of Transportation
Acute Tox.	Acute toxicity
ATE	Acute Toxicity Estimate
Cal/OSHA PEL	California Division of Occupational Safety and Health (Cal/OSHA): Permissible Exposure Limits (PELs)
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
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
Eye Dam.	Seriously damaging to the eye



Safety Data Sheet

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Version number: GHS 2.0
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Abbr.	Descriptions of used abbreviations
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
MARPOL	International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")
NIOSH REL	National Institute for Occupational Safety and Health (NIOSH): Recommended Exposure Limits (RELs)
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
PEL	Permissible exposure limit
PNEC	Predicted No-Effect Concentration
ppm	Parts per million
RTECS	Registry of Toxic Effects of Chemical Substances (database of NIOSH with toxicological information)
Skin Sens.	Skin sensitization
STEL	Short-term exposure limit
TWA	Time-weighted average
vPvB	Very Persistent and very Bioaccumulative

Key literature references and sources for data

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

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

Classification procedure

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

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



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

Code	Text
H226	Flammable liquid and vapor.
H227	Combustible liquid.
H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
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.