



SAFETY DATA SHEET

JELLY BELLY 3D AIR FRESHENER - Pink Grapefruit

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

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

1.1. Product identifier

Product name JELLY BELLY 3D AIR FRESHENER - Pink Grapefruit
Product number 15256

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

Identified uses Air Freshener
Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Supplier Custom Accessories Europe
The Granary
Standen Manor
Hungerford
Berkshire
UK
RG17 0RB
+44(0)1488662770
+44(0)1488662771
info@caeurope.co.uk

1.4. Emergency telephone number

Emergency telephone +44(0)1488662770 (9:00-17:00 Mon to Fri)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards

Not Classified

Health hazards

Skin Irrit. 2 - H315 Skin Sens. 1 - H317

Environmental hazards

Aquatic Chronic 2 - H411

Classification (67/548/EEC or 1999/45/EC)

Xi; R38. N; R51/53. R43

Human health

The product contains a small amount of sensitising substance. See Section 11 for additional information on health hazards.

Environmental

The product contains a substance which may have hazardous effects on the environment.

2.2. Label elements

Pictogram

JELLY BELLY 3D AIR FRESHENER - Pink Grapefruit



Signal word

Warning

Hazard statements

H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P102 Keep out of reach of children.
 P302+P352 IF ON SKIN: Wash with plenty of soap and water.
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
 P501 Dispose of contents/container in accordance with local regulations.

Contains

d-limonene, citral, geraniol

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

d-limonene	1-5%
CAS number: 5989-27-5 EC number: 227-813-5 M factor (Acute) = 1 M factor (Chronic) = 1	
Classification	Classification (67/548/EEC or 1999/45/EC)
Flam. Liq. 3 - H226	Xn; R65. Xi; R38. N; R50/53. R10, R43
Skin Irrit. 2 - H315	
Skin Sens. 1 - H317	
Asp. Tox. 1 - H304	
Aquatic Acute 1 - H400	
Aquatic Chronic 1 - H410	
citral	1-5%
CAS number: 5392-40-5 EC number: 226-394-6	
Classification	Classification (67/548/EEC or 1999/45/EC)
Skin Irrit. 2 - H315	Xi; R38. R43
Skin Sens. 1 - H317	
decanal	1-5%
CAS number: 112-31-2 EC number: 203-957-4	
Classification	Classification (67/548/EEC or 1999/45/EC)
Skin Irrit. 2 - H315	Xi; R38. R52/53
Aquatic Chronic 3 - H412	
linalool	1-5%
CAS number: 78-70-6 EC number: 201-134-4	
Classification	Classification (67/548/EEC or 1999/45/EC)
Skin Irrit. 2 - H315	Xi; R38

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benzyl benzoate 1-5%	
CAS number: 120-51-4 EC number: 204-402-9	
Classification Acute Tox. 4 - H302 Aquatic Chronic 2 - H411	Classification (67/548/EEC or 1999/45/EC) Xn; R22. N; R51/53
geraniol <1%	
CAS number: 106-24-1 EC number: 203-377-1	
Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317	Classification (67/548/EEC or 1999/45/EC) Xi; R41, R38. R43
allyl heptanoate <1%	
CAS number: 142-19-8 EC number: 205-527-1 M factor (Acute) = 1 M factor (Chronic) = 1	
Classification Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Classification (67/548/EEC or 1999/45/EC) N; R50/53

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures****Inhalation**

In the event of any sensitisation symptoms developing, ensure further exposure is avoided. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

Ingestion

Rinse immediately with plenty of water. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention.

Skin contact

Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

Eye contact

Remove any contact lenses and open eyelids wide apart. Rinse cautiously with water for several minutes. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed**Inhalation**

No specific symptoms known.

Ingestion

May cause discomfort if swallowed. May cause stomach pain or vomiting.

Skin contact

May cause sensitisation or allergic reactions in sensitive individuals.

Eye contact

May be slightly irritating to eyes.

4.3. Indication of any immediate medical attention and special treatment needed**Notes for the doctor**

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Specific treatments

Treat symptomatically.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards

None known.

Hazardous combustion products

Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO₂). Carbon monoxide (CO).

5.3. Advice for firefighters

Protective actions during firefighting

No specific firefighting precautions known.

Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with eyes and prolonged skin contact. Provide adequate ventilation.

6.2. Environmental precautions

Environmental precautions

The product contains a substance which is hazardous to aquatic organisms and which may cause long term adverse effects in the aquatic environment. Avoid discharge to the aquatic environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Provide adequate ventilation. Collect and place in suitable waste disposal containers and seal securely. Dispose of contents/container in accordance with local regulations.

6.4. Reference to other sections

Reference to other sections

See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Read and follow manufacturer's recommendations. Keep out of the reach of children. Keep away from food, drink and animal feeding stuffs. Wash hands thoroughly after handling.

Advice on general occupational hygiene

Persons susceptible to allergic reactions should not handle this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Keep in a cool place. Do not store near heat sources or expose to high temperatures.

7.3. Specific end use(s)

Specific end use(s)

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The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

Ingredient comments

No exposure limits known for ingredient(s).

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation.

Eye/face protection

No specific eye protection required during normal use.

Hand protection

No specific hand protection recommended.

Hygiene measures

Good personal hygiene procedures should be implemented. Persons susceptible to allergic reactions should not handle this product. When using do not eat, drink or smoke. Wash hands thoroughly after handling.

Respiratory protection

No specific recommendations.

Environmental exposure controls

Avoid discharge to the aquatic environment.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Solid.

Colour

Pink.

Odour

Grapefruit.

Odour threshold

Not available.

pH

Not applicable.

Melting point

Not available.

Initial boiling point and range

Not applicable.

Flash point

Not available.

Evaporation rate

Not available.

Evaporation factor

Not available.

Flammability (solid, gas)

Not available.

Upper/lower flammability or explosive limits

Not available.

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Vapour pressure

Not available.

Vapour density

Not available.

Relative density

Not available.

Solubility(ies)

Not available.

Partition coefficient

Not available.

Auto-ignition temperature

Not available.

Decomposition Temperature

Not available.

Viscosity

Not available.

Oxidising properties

Not available.

9.2. Other information

Other information

None.

SECTION 10: Stability and reactivity

10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability

Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

No potentially hazardous reactions known.

10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

Materials to avoid

None known.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

Notes (oral LD50)

Based on available data the classification criteria are not met.

ATE oral (mg/kg)

33,333.33333333

Acute toxicity - dermal

Notes (dermal LD50)

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Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC50)

Based on available data the classification criteria are not met.

Skin corrosion/irritation

Animal data

Irritating.

Serious eye damage/irritation

Based on available data the classification criteria are not met.

Respiratory sensitisation

Based on available data the classification criteria are not met.

Skin sensitisation

Sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro

Based on available data the classification criteria are not met.

Genotoxicity - in vivo

Based on available data the classification criteria are not met.

Carcinogenicity

Based on available data the classification criteria are not met.

Reproductive toxicity

Reproductive toxicity - fertility

Based on available data the classification criteria are not met.

Reproductive toxicity - development

Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure

Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure

Based on available data the classification criteria are not met.

Aspiration hazard

Not relevant.

Toxicological information on ingredients.

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d-limonene

Acute toxicity - oral

Notes (oral LD50)

No information available.

Acute toxicity - dermal

Notes (dermal LD50)

No information available.

Acute toxicity - inhalation

Notes (inhalation LC50)

No information available.

Skin corrosion/irritation

Animal data

Dose: 0.5 ml, 4 hours, Rabbit Erythema/eschar score: Well defined erythema (2). Oedema score: Very slight oedema - barely perceptible (1). REACH dossier information. Irritating.

Serious eye damage/irritation

Based on available data the classification criteria are not met.

Respiratory sensitisation

No information available.

Skin sensitisation

Local Lymph Node Assay (LLNA) - Mouse: Sensitising. REACH dossier information.

Germ cell mutagenicity

Genotoxicity - in vitro

Gene mutation: Negative. REACH dossier information. Based on available data the classification criteria are not met.

Genotoxicity - in vivo

DNA damage and/or repair: Negative. REACH dossier information. Based on available data the classification criteria are not met.

Carcinogenicity

No evidence of carcinogenicity in animal studies.

Reproductive toxicity

Reproductive toxicity - fertility

No information available.

Reproductive toxicity - development

No information available.

Specific target organ toxicity - single exposure

STOT - single exposure

Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure

NOAEL 1650 mg/kg/day, Oral, Mouse REACH dossier information. Based on available data the classification criteria are not met.

Aspiration hazard

Aspiration hazard if swallowed.

citral

Acute toxicity - oral

Acute toxicity oral (LD50 mg/kg)

6,800.0

Species

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Rat

Notes (oral LD50)

REACH dossier information. Based on available data the classification criteria are not met.

ATE oral (mg/kg)

6,800.0

Acute toxicity - dermal

Acute toxicity dermal (LD50 mg/kg)

2001.0

Species

Rat

Notes (dermal LD50)

REACH dossier information. Based on available data the classification criteria are not met.

ATE dermal (mg/kg)

2001.0

Acute toxicity - inhalation

Notes (inhalation LC50)

No information available.

Skin corrosion/irritation

Animal data

Dose: , 2 hours, Rabbit Erythema/eschar score: Well defined erythema (2). Oedema score: Slight oedema - edges of area well defined by definite raising (2). REACH dossier information. Irritating.

Serious eye damage/irritation

Based on available data the classification criteria are not met.

Respiratory sensitisation

No information available.

Skin sensitisation

Local Lymph Node Assay (LLNA) - Mouse: Sensitising. REACH dossier information.

Germ cell mutagenicity

Genotoxicity - in vitro

Gene mutation: Negative. REACH dossier information. Based on available data the classification criteria are not met.

Genotoxicity - in vivo

Chromosome aberration: Negative. REACH dossier information. Based on available data the classification criteria are not met.

Carcinogenicity

NOAEL 60 mg/kg/day, Oral, Mouse REACH dossier information. Based on available data the classification criteria are not met.

Reproductive toxicity

Reproductive toxicity - fertility

Screening - NOAEL 200 mg/kg/day, Oral, Rat REACH dossier information. Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure

No information available.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure

NOAEL 60 mg/kg/day, Oral, Mouse REACH dossier information. Based on available data the classification criteria are not met.

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Aspiration hazard

Based on available data the classification criteria are not met.

decanal

Acute toxicity - oral

Notes (oral LD50)

No information available.

Acute toxicity - dermal

Notes (dermal LD50)

No information available.

Acute toxicity - inhalation

Notes (inhalation LC50)

No information available.

Skin corrosion/irritation

Animal data

No information available.

Serious eye damage/irritation

Based on available data the classification criteria are not met.

Respiratory sensitisation

No information available.

Skin sensitisation

Patch test - Human: Not sensitising. REACH dossier information. Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro

Chromosome aberration: Negative. REACH dossier information. Based on available data the classification criteria are not met.

Genotoxicity - in vivo

Chromosome aberration: Negative. REACH dossier information. Based on available data the classification criteria are not met.

Carcinogenicity

No information available.

Reproductive toxicity

Reproductive toxicity - fertility

One-generation study - NOAEL 300 mg/kg/day, Oral, Rat P REACH dossier information. Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure

No information available.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure

NOAEL 20000 ppm, Oral, Rat REACH dossier information. Based on available data the classification criteria are not met.

Aspiration hazard

Based on available data the classification criteria are not met.

linalool

Acute toxicity - oral

Acute toxicity oral (LD50 mg/kg)

2,790.0

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Species

Rat

Notes (oral LD50)

REACH dossier information. Based on available data the classification criteria are not met.

ATE oral (mg/kg)

2,790.0

Acute toxicity - dermal

Acute toxicity dermal (LD50 mg/kg)

5610.0

Species

Rabbit

Notes (dermal LD50)

REACH dossier information. Based on available data the classification criteria are not met.

ATE dermal (mg/kg)

5610.0

Acute toxicity - inhalation

Notes (inhalation LC50)

Data lacking.

Skin corrosion/irritation

Animal data

Dose: 0.5 ml, 4 hours, Rabbit Erythema/eschar score: Well defined erythema (2). Oedema score: Very slight oedema - barely perceptible (1). REACH dossier information. Irritating.

Serious eye damage/irritation

Based on available data the classification criteria are not met.

Respiratory sensitisation

No information available.

Skin sensitisation

Patch test - Human: Not sensitising. REACH dossier information. Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro

Gene mutation: Negative. REACH dossier information. Based on available data the classification criteria are not met.

Genotoxicity - in vivo

Chromosome aberration: Negative. REACH dossier information. Based on available data the classification criteria are not met.

Carcinogenicity

No information available.

Reproductive toxicity

Reproductive toxicity - fertility

Screening - NOAEL 500 mg/kg/day, Oral, Rat P REACH dossier information. Based on available data the classification criteria are not met.

Reproductive toxicity - development

Maternal toxicity: - NOAEL: 500 mg/kg/day, Oral, Rat REACH dossier information. Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure

No information available.

Specific target organ toxicity - repeated exposure

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STOT - repeated exposure

NOAEL 160 mg/kg/day, Oral, Rat REACH dossier information. Based on available data the classification criteria are not met.

Aspiration hazard

Not anticipated to present an aspiration hazard, based on chemical structure.

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benzyl benzoate

Acute toxicity - oral

Notes (oral LD50)

Harmful if swallowed.

Acute toxicity - dermal

Acute toxicity dermal (LD50 mg/kg)

2001.0

Species

Rabbit

Notes (dermal LD50)

Estimated value. REACH dossier information. Based on available data the classification criteria are not met.

ATE dermal (mg/kg)

2001.0

Acute toxicity - inhalation

Notes (inhalation LC50)

No information available.

Skin corrosion/irritation

Animal data

Dose: 0.5 ml, 4 hours, Rabbit Erythema/eschar score: Very slight erythema - barely perceptible (1). Oedema score: No oedema (0). REACH dossier information. Based on available data the classification criteria are not met.

Serious eye damage/irritation

Based on available data the classification criteria are not met.

Respiratory sensitisation

No information available.

Skin sensitisation

Local Lymph Node Assay (LLNA) - Mouse: Not sensitising. REACH dossier information. Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro

Gene mutation: Negative. REACH dossier information. Based on available data the classification criteria are not met.

Genotoxicity - in vivo

DNA damage and/or repair: Negative. REACH dossier information. Based on available data the classification criteria are not met.

Carcinogenicity

No information available.

Reproductive toxicity

Reproductive toxicity - fertility

No information available.

Specific target organ toxicity - single exposure

STOT - single exposure

No information available.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure

NOAEL 781 mg/kg/day, Dermal, Rat REACH dossier information. Based on available data the classification criteria are not met.

Aspiration hazard

Not anticipated to present an aspiration hazard, based on chemical structure.

JELLY BELLY 3D AIR FRESHENER - Pink Grapefruit

geraniol

Acute toxicity - oral

Acute toxicity oral (LD50 mg/kg)

3,600.0

Species

Rat

Notes (oral LD50)

REACH dossier information. Based on available data the classification criteria are not met.

ATE oral (mg/kg)

3,600.0

Acute toxicity - dermal

Acute toxicity dermal (LD50 mg/kg)

5001.0

Species

Rabbit

Notes (dermal LD50)

REACH dossier information. Based on available data the classification criteria are not met.

ATE dermal (mg/kg)

5001.0

Acute toxicity - inhalation

Notes (inhalation LC50)

Based on available data the classification criteria are not met.

Skin corrosion/irritation

Animal data

Dose: 0.5 ml, 4 hours, Rabbit Erythema/eschar score: Well defined erythema (2). Oedema score: Slight oedema - edges of area well defined by definite raising (2). REACH dossier information. Irritating.

Serious eye damage/irritation

Irritating to eyes.

Respiratory sensitisation

No information available.

Skin sensitisation

Local Lymph Node Assay (LLNA) - Mouse: Sensitising. REACH dossier information.

Germ cell mutagenicity

Genotoxicity - in vitro

Gene mutation: Negative. REACH dossier information. Based on available data the classification criteria are not met.

Genotoxicity - in vivo

Chromosome aberration: Negative. REACH dossier information. Based on available data the classification criteria are not met.

Carcinogenicity

NOAEL 2000 ppm, Oral, Rat REACH dossier information. Based on available data the classification criteria are not met.

Reproductive toxicity

Reproductive toxicity - fertility

- NOAEL 300 mg/kg/day, Dermal, Rat P REACH dossier information. Based on available data the classification criteria are not met.

Reproductive toxicity - development

Maternal toxicity: - NOAEL: 300 mg/kg/day, Dermal, Rat REACH dossier information. Based on available data the classification criteria are not met.

JELLY BELLY 3D AIR FRESHENER - Pink Grapefruit

Specific target organ toxicity - single exposure

STOT - single exposure

No information available.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure

NOAEL 300 mg/kg/day, Dermal, Rat REACH dossier information. Based on available data the classification criteria are not met.

Aspiration hazard

Based on available data the classification criteria are not met.

SECTION 12: Ecological Information

12.1. Toxicity

Toxic to aquatic life.

Ecological information on ingredients.

d-limonene

Acute aquatic toxicity

LE(C)₅₀

$0.1 < L(E)C_{50} \leq 1$

M factor (Acute)

1

Acute toxicity - fish

LC₅₀, 96 hours: 0.720 mg/l, Pimephales promelas (Fat-head Minnow) REACH dossier information.

Acute toxicity - aquatic invertebrates

EC₅₀, 48 hours: 0.36 mg/l, Daphnia magna REACH dossier information.

Acute toxicity - aquatic plants

EC₅₀, 72 hours: 150 mg/l, Desmodemus subspicatus REACH dossier information.

Chronic aquatic toxicity

NOEC

$0.001 < NOEC \leq 0.01$

Degradability

Rapidly degradable

M factor (Chronic)

1

citral

Acute toxicity - fish

LC₅₀, 96 hours: 6.78 mg/l, Leuciscus idus (Golden orfe) REACH dossier information.

Acute toxicity - aquatic invertebrates

EC₅₀, 48 hours: 6.8 mg/l, Daphnia magna REACH dossier information.

Acute toxicity - aquatic plants

EC₅₀, 72 hours: 103.8 mg/l, Scenedesmus subspicatus REACH dossier information.

decanal

There are no data on the ecotoxicity of this product.

JELLY BELLY 3D AIR FRESHENER - Pink Grapefruit

linalool

The product is not expected to be hazardous to the environment. Based on available data the classification criteria are not met.

Acute toxicity - fish

LC₅₀, 96 hours: 27.8 mg/l, Onchorhynchus mykiss (Rainbow trout) REACH dossier information.

Acute toxicity - aquatic invertebrates

EC₅₀, 48 hours: 59 mg/l, Daphnia magna REACH dossier information.

Acute toxicity - aquatic plants

EC₅₀, 96 hours: 88.3 mg/l, Scenedesmus subspicatus REACH dossier information.

benzyl benzoate

Toxic to aquatic life with long lasting effects.

Acute toxicity - fish

LC₅₀, 96 hours: 2.32 mg/l, Brachydanio rerio (Zebra Fish) REACH dossier information.

Acute toxicity - aquatic invertebrates

EC₅₀, 48 hours: 3.09 mg/l, Daphnia magna REACH dossier information.

Acute toxicity - aquatic plants

EC₅₀, 72 hours: 0.475 mg/l, Pseudokirchneriella subcapitata REACH dossier information.

geraniol

Acute toxicity - fish

LC₅₀, 96 hours: 22 mg/l, Brachydanio rerio (Zebra Fish) REACH dossier information.

Acute toxicity - aquatic invertebrates

EC₅₀, 48 hours: 10.8 mg/l, Daphnia magna REACH dossier information.

Acute toxicity - aquatic plants

EC₅₀, 72 hours: 13.1 mg/l, Desmodesmus subspicatus REACH dossier information.

12.2. Persistence and degradability

Persistence and degradability

The degradability of the product is not known.

JELLY BELLY 3D AIR FRESHENER - Pink Grapefruit

Ecological information on ingredients.

d-limonene

Phototransformation

Air - DT₅₀ : 0.365 hours REACH dossier information.

Biodegradation

The substance is readily biodegradable.

citral

Phototransformation

Air - Degradation 50: 37.35 minutes REACH dossier information.

Biodegradation

Water - Degradation 90: 28 days REACH dossier information. The substance is readily biodegradable.

decanal

Biodegradation

Water - Degradation 82: 28 days REACH dossier information. The substance is readily biodegradable.

linalool

Biodegradation

Water - Degradation 64.2: 28 days REACH dossier information. The substance is readily biodegradable.

benzyl benzoate

Biodegradation

Water - Degradation 94: 28 days REACH dossier information. The substance is readily biodegradable.

geraniol

Biodegradation

Water - Degradation 90: 3 days REACH dossier information. The substance is readily biodegradable.

12.3. Bioaccumulative potential

No data available on bioaccumulation.

Partition coefficient

Not available.

JELLY BELLY 3D AIR FRESHENER - Pink Grapefruit

Ecological information on ingredients.

d-limonene

BCF: 1022, REACH dossier information.

Partition coefficient

log Pow: 4.38 REACH dossier information.

citral

BCF: 89.72, REACH dossier information. The product is not bioaccumulating.

Partition coefficient

log Pow: 2.76 REACH dossier information.

decanal

BCF: 149, REACH dossier information. The product is not bioaccumulating.

Partition coefficient

log Pow: 3.8 REACH dossier information.

linalool

No data available on bioaccumulation.

benzyl benzoate

BCF: ~ 193.4, REACH dossier information. The product is not bioaccumulating.

Partition coefficient

log Pow: ~ 3.97 REACH dossier information.

geraniol

No data available on bioaccumulation.

Partition coefficient

log Pow: 2.6 REACH dossier information.

12.4. Mobility in soil

Mobility

The product is insoluble in water.

JELLY BELLY 3D AIR FRESHENER - Pink Grapefruit

Ecological information on ingredients.

d-limonene

Mobility

The product is partly soluble in water and may spread in the aquatic environment.

citral

Mobility

The product is water-soluble and may spread in water systems.

Henry's law constant

0.000376 atm m³/mol @ 25°C REACH dossier information.

decanal

Mobility

The product is partly soluble in water and may spread in the aquatic environment.

Surface tension

≤ 60.1 mN/m @ 18.2°C REACH dossier information.

linalool

Mobility

The product is water-soluble and may spread in water systems.

Surface tension

8.3 mN/m @ 20°C REACH dossier information.

benzyl benzoate

Mobility

The product is partly soluble in water and may spread in the aquatic environment.

geraniol

Mobility

The product is partly soluble in water and may spread in the aquatic environment.

12.5. Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

Ecological information on ingredients.

d-limonene

This substance is not classified as PBT or vPvB according to current EU criteria.

citral

This substance is not classified as PBT or vPvB according to current EU criteria.

decanal

This substance is not classified as PBT or vPvB according to current EU criteria.

linalool

This substance is not classified as PBT or vPvB according to current EU criteria.

benzyl benzoate

This substance is not classified as PBT or vPvB according to current EU criteria.

geraniol

This substance is not classified as PBT or vPvB according to current EU criteria.

12.6. Other adverse effects

Not known.

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Ecological information on ingredients.

Not known.	<u>d-limonene</u>
Not known.	<u>citral</u>
Not known.	<u>decanal</u>
Not known.	<u>linalool</u>
Not known.	<u>benzyl benzoate</u>
Not known.	<u>geraniol</u>

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information

Reuse or recycle products wherever possible. Avoid discharge into drains or watercourses or onto the ground. Dispose of contents/container in accordance with local regulations.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID)	3077
UN No. (IMDG)	3077
UN No. (ICAO)	3077
UN No. (ADN)	3077

14.2. UN proper shipping name

Proper shipping name (ADR/RID)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (d-LIMONENE, BENZYL BENZOATE)
Proper shipping name (IMDG)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (d-LIMONENE, BENZYL BENZOATE)
Proper shipping name (ICAO)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (d-LIMONENE, BENZYL BENZOATE)
Proper shipping name (ADN)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (d-LIMONENE, BENZYL BENZOATE)

14.3. Transport hazard class(es)

ADR/RID class	9
ADR/RID classification code	M7
ADR/RID label	9
IMDG class	9
ICAO class/division	9
ADN class	9
Transport labels	

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14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ICAO packing group	III
ADN packing group	III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



Yes.

14.6. Special precautions for user

EmS	F-A, S-F
ADR transport category	3
Emergency Action Code	2Z
Hazard Identification Number (ADR/RID)	90
Tunnel restriction code	(E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory information

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

EU legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Guidance

Workplace Exposure Limits EH40.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Revision comments

This is first issue.

Revision date 14/08/2014

SDS number 4566

Risk phrases in full

JELLY BELLY 3D AIR FRESHENER - Pink Grapefruit

R10 Flammable.

R22 Harmful if swallowed.

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

R43 May cause sensitisation by skin contact.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65 Harmful: may cause lung damage if swallowed.

Hazard statements in full

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

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 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.