



## SAFETY DATA SHEET

### JELLY BELLY 3D AIR FRESHENER - Tutti Fruitti

According to Regulation (EC) No 1907/2006, Annex II, as amended., Commission Regulation (EU) No 2015/830 of 28 May 2015.

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

##### 1.1. Product identifier

**Product name** JELLY BELLY 3D AIR FRESHENER - Tutti Fruitti

**Product number** 15215

##### 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  
RG17 0RB  
UK  
T: +44 (0) 1488 662770  
F: +44 (0) 1488 662771  
E: info@caeurope.co.uk

##### 1.4. Emergency telephone number

**Emergency telephone** +44 (0) 1488 662770 (9:00-17:00 Monday - Friday)

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Classification (EC 1272/2008)

**Physical hazards** Not Classified

**Health hazards** Skin Sens. 1 - H317

**Environmental hazards** Aquatic Chronic 3 - H412

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

##### 2.2. Label elements

###### Pictogram



**Signal word** Warning

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<b>Hazard statements</b>	H317 May cause an allergic skin reaction. H412 Harmful to aquatic life with long lasting effects.
<b>Precautionary statements</b>	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.
<b>Contains</b>	d-limonene, linalool, ethyl-2,3-epoxy-3-phenylbutyrate, hexyl cinnamic aldehyde, cinnamic aldehyde, clove leaf oil, anethole, eugenol

### 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

<b>methyl salicylate</b> <span style="float: right;">1-5%</span> CAS number: 119-36-8                      EC number: 204-317-7
<b>Classification</b> Acute Tox. 4 - H302
<b>3-methylbutyl butyrate</b> <span style="float: right;">1-5%</span> CAS number: 106-27-4                      EC number: 203-380-8
<b>Classification</b> Flam. Liq. 3 - H226 Aquatic Chronic 3 - H412
<b>d-limonene</b> <span style="float: right;">1-5%</span> CAS number: 5989-27-5                      EC number: 227-813-5 M factor (Acute) = 1                      M factor (Chronic) = 1
<b>Classification</b> Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410
<b>anethole</b> <span style="float: right;">&lt;1%</span> CAS number: 4180-23-8                      EC number: 224-052-0
<b>Classification</b> Skin Sens. 1 - H317

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<b>clove leaf oil</b>	<b>&lt;1%</b>
CAS number: 8000-34-8	
<b>Classification</b>	
Skin Sens. 1 - H317	
Asp. Tox. 1 - H304	
<b>ethyl-2,3-epoxy-3-phenylbutyrate</b>	<b>&lt;1%</b>
CAS number: 77-83-8                      EC number: 201-061-8	
<b>Classification</b>	
Skin Sens. 1B - H317	
Aquatic Chronic 2 - H411	
<b>hexyl cinnamic aldehyde</b>	<b>&lt;1%</b>
CAS number: 101-86-0                      EC number: 202-983-3	
<b>Classification</b>	
Skin Sens. 1 - H317	
<b>eugenol</b>	<b>&lt;1%</b>
CAS number: 97-53-0                      EC number: 202-589-1	
<b>Classification</b>	
Eye Irrit. 2 - H319	
Skin Sens. 1B - H317	
<b>cinnamic aldehyde</b>	<b>&lt;1%</b>
CAS number: 104-55-2                      EC number: 203-213-9	
<b>Classification</b>	
Acute Tox. 4 - H312	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
Skin Sens. 1 - H317	
<b>linalool</b>	<b>&lt;1%</b>
CAS number: 78-70-6                      EC number: 201-134-4	
<b>Classification</b>	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
Skin Sens. 1B - H317	

The full text for all hazard statements is displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

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<b>General information</b>	If in doubt, get medical attention promptly. Show this Safety Data Sheet to the medical personnel.
<b>Inhalation</b>	The product is considered to be a low hazard under normal conditions of use. 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.
<b>Ingestion</b>	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.
<b>Skin contact</b>	Wash skin thoroughly with soap and water. In the event of any sensitisation symptoms developing, ensure further exposure is avoided. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	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

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure. The product contains a small amount of sensitising substance.
<b>Inhalation</b>	Symptoms following overexposure may include the following: Headache.
<b>Ingestion</b>	May cause discomfort if swallowed. May cause stomach pain or vomiting.
<b>Skin contact</b>	May cause sensitisation or allergic reactions in sensitive individuals.
<b>Eye contact</b>	May be slightly irritating to eyes.

### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Notes for the doctor</b>	Treat symptomatically.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.

### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards</b>	None known.
<b>Hazardous combustion products</b>	Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO <sub>2</sub> ). Carbon monoxide (CO).

### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	Avoid breathing fire gases or vapours. Evacuate area. Avoid discharge to the aquatic environment. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.
<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

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

### 6.2. Environmental precautions

**Environmental precautions** Avoid discharge to the aquatic environment.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Collect spillage with a shovel and broom, or similar and reuse, if possible. Collect and place in suitable waste disposal containers and seal securely. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological 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. The product contains a sensitising substance. Persons susceptible to allergic reactions should not handle this product. Wash hands thoroughly after handling.

**Advice on general occupational hygiene** No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

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

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

**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. Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166.

**Hand protection** No specific requirements are anticipated under normal conditions of use. Large Spillages: Wear protective gloves. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with European Standard EN374.

**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.

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<b>Respiratory protection</b>	No specific requirements are anticipated under normal conditions of use. Large Spillages: Provide adequate ventilation. If ventilation is inadequate, suitable respiratory protection must be worn. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked.
<b>Environmental exposure controls</b>	Keep container tightly sealed when not in use. Avoid discharge to the aquatic environment.

### SECTION 9: Physical and Chemical Properties

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

<b>Appearance</b>	Solid.
<b>Colour</b>	Pink.
<b>Odour</b>	Fruity.
<b>Odour threshold</b>	Not available.
<b>pH</b>	Not applicable.
<b>Melting point</b>	Not available.
<b>Initial boiling point and range</b>	Not applicable.
<b>Flash point</b>	Not available.
<b>Evaporation rate</b>	Not available.
<b>Evaporation factor</b>	Not available.
<b>Flammability (solid, gas)</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	Not available.
<b>Vapour pressure</b>	Not available.
<b>Vapour density</b>	Not available.
<b>Relative density</b>	Not available.
<b>Bulk density</b>	Not available.
<b>Solubility(ies)</b>	Not available.
<b>Partition coefficient</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition Temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Explosive properties</b>	Not considered to be explosive.
<b>Oxidising properties</b>	Does not meet the criteria for classification as oxidising.

#### 9.2. Other information

<b>Other information</b>	None.
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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
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### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures and when used as recommended.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** No potentially hazardous reactions known.

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid excessive heat for prolonged periods of time.

### 10.5. Incompatible materials

**Materials to avoid** No specific material or group of materials is likely to react with the product to produce a hazardous situation.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** Based on available data the classification criteria are not met.

**ATE oral (mg/kg)** 19,711.11

#### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** Based on available data the classification criteria are not met.

#### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** Based on available data the classification criteria are not met.

#### Skin corrosion/irritation

**Animal data** Based on available data the classification criteria are not met.

#### Serious eye damage/irritation

**Serious eye damage/irritation** Based on available data the classification criteria are not met.

#### Respiratory sensitisation

**Respiratory sensitisation** Based on available data the classification criteria are not met.

#### Skin sensitisation

**Skin sensitisation** May cause sensitisation or allergic reactions in sensitive individuals.

#### 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

**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.

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### 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

**Aspiration hazard** Not relevant. Solid.

### General information

The severity of the symptoms described will vary dependent on the concentration and the length of exposure. The product contains a sensitising substance.

### Inhalation

Symptoms following overexposure may include the following: Headache.

### 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 cause temporary eye irritation.

### Route of entry

Inhalation Ingestion Skin and/or eye contact

### Toxicological information on ingredients.

#### methyl salicylate

#### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 887.0

**Species** Rat

**Notes (oral LD<sub>50</sub>)** REACH dossier information. Harmful if swallowed.

**ATE oral (mg/kg)** 887.0

#### Skin corrosion/irritation

**Animal data** Dose: 0.5 ml, 4 hours, Rabbit Erythema/eschar score: Very slight erythema - barely perceptible (1). Oedema score: Very slight oedema - barely perceptible (1). 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

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

#### Reproductive toxicity

**Reproductive toxicity - fertility** Three-generation study - NOAEL 250 mg/kg/day, Oral, Rat P REACH dossier information. Based on available data the classification criteria are not met.

#### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** NOAEL 50 mg/kg/day, Oral, Rat REACH dossier information. Based on available data the classification criteria are not met.



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### Aspiration hazard

**Aspiration hazard** Not relevant.

### 3-methylbutyl butyrate

**Toxicological effects** No information available.

### d-limonene

### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** > 2000 mg/kg Rat REACH dossier information. Based on available data the classification criteria are not met.

### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** > 5000 mg/kg Rat REACH dossier information. 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: Very slight oedema - barely perceptible (1). REACH dossier information. Irritating.

### Skin sensitisation

**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

**Carcinogenicity** No evidence of carcinogenicity in animal studies.

### 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** Aspiration hazard if swallowed.

### anethole

### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 3,070.0

**Species** Rat

**Notes (oral LD<sub>50</sub>)** REACH dossier information. Based on available data the classification criteria are not met.

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**ATE oral (mg/kg)** 3,070.0

### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 4,901.0

**Species** Rabbit

**Notes (dermal LD<sub>50</sub>)** REACH dossier information. Based on available data the classification criteria are not met.

**ATE dermal (mg/kg)** 4,901.0

### Skin corrosion/irritation

**Animal data** Dose: 0.5 ml, 4 hours, Rabbit Erythema/eschar score: Very slight erythema - barely perceptible (1). REACH dossier information. Based on available data the classification criteria are not met.

### Skin sensitisation

**Skin sensitisation** Guinea pig maximization test (GPMT) - Guinea pig: Sensitising. REACH dossier information. May cause an allergic skin reaction.

### Germ cell mutagenicity

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

### Reproductive toxicity

**Reproductive toxicity - fertility** One-generation study - Dose level: 1500 mg/kg/day, Oral, Rat F1 REACH dossier information. Based on available data the classification criteria are not met.

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

### Aspiration hazard

**Aspiration hazard** Not relevant.

### clove leaf oil

**Toxicological effects** No information available.

### ethyl-2,3-epoxy-3-phenylbutyrate

### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 2,001.0

**Species** Rat

**Notes (dermal LD<sub>50</sub>)** REACH dossier information. Based on available data the classification criteria are not met.

**ATE dermal (mg/kg)** 2,001.0

### Skin corrosion/irritation

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<b>Human skin model test</b>	Not irritating. REACH dossier information.
<b><u>Skin sensitisation</u></b>	
<b>Skin sensitisation</b>	Guinea pig maximization test (GPMT) - Guinea pig: Sensitising. REACH dossier information. May cause an allergic skin reaction.
<b><u>Germ cell mutagenicity</u></b>	
<b>Genotoxicity - in vitro</b>	DNA damage and/or repair: Negative. REACH dossier information. Based on available data the classification criteria are not met.
<b>Genotoxicity - in vivo</b>	Gene mutation: Negative. REACH dossier information. Based on available data the classification criteria are not met.
<b><u>Carcinogenicity</u></b>	
<b>Carcinogenicity</b>	No evidence of carcinogenicity in animal studies. REACH dossier information.
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - fertility</b>	Screening - NOAEL 1000 mg/kg/day, Oral, Rat P REACH dossier information. Based on available data the classification criteria are not met.
<b>Reproductive toxicity - development</b>	Maternal toxicity: - NOAEL: 1000 mg/kg/day, Oral, Rat REACH dossier information. Based on available data the classification criteria are not met.
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>STOT - repeated exposure</b>	NOAEL 60 mg/kg/day, Oral, Rat REACH dossier information. Based on available data the classification criteria are not met.

### hexyl cinnamic aldehyde

**Toxicological effects** No information available.

### eugenol

#### **Acute toxicity - oral**

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 2,001.0

**Species** Rat

**Notes (oral LD<sub>50</sub>)** REACH dossier information. Estimated value. Based on available data the classification criteria are not met.

**ATE oral (mg/kg)** 2,001.0

#### **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. Based on available data the classification criteria are not met.

#### **Serious eye damage/irritation**

**Serious eye damage/irritation** Irritating to eyes.

#### **Skin sensitisation**

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

#### **Germ cell mutagenicity**

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**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

**Carcinogenicity** No evidence of carcinogenicity in animal studies.

### Reproductive toxicity

**Reproductive toxicity - fertility** Two-generation study - NOAEL 700 mg/kg/day, Oral, Rat REACH dossier information. Based on available data the classification criteria are not met.

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** NOAEL 450 mg/kg/day, Oral, Mouse REACH dossier information. Based on available data the classification criteria are not met.

### cinnamic aldehyde

#### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 2,220.0

**Species** Rat

**Notes (oral LD<sub>50</sub>)** REACH dossier information. Based on available data the classification criteria are not met.

**ATE oral (mg/kg)** 2,220.0

#### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 1,260.0

**Species** Rabbit

**Notes (dermal LD<sub>50</sub>)** REACH dossier information. Harmful in contact with skin.

**ATE dermal (mg/kg)** 1,260.0

#### Skin corrosion/irritation

**Human skin model test** Patch test 0.02%, 0.1%, 0.8% 6 weeks Highly irritating. REACH dossier information.

#### Serious eye damage/irritation

**Serious eye damage/irritation** Dose: 0.1 mL, 24 hours, Rabbit Highly irritating. Fully reversible within 14 days. REACH dossier information.

#### Skin sensitisation

**Skin sensitisation** Guinea pig maximization test (GPMT) - Guinea pig: Sensitising. REACH dossier information.

### linalool

#### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 2,790.0

**Species** Rat

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<b>Notes (oral LD<sub>50</sub>)</b>	REACH dossier information. Based on available data the classification criteria are not met.
<b>ATE oral (mg/kg)</b>	2,790.0
<b><u>Acute toxicity - dermal</u></b>	
<b>Acute toxicity dermal (LD<sub>50</sub> mg/kg)</b>	5,610.0
<b>Species</b>	Rabbit
<b>Notes (dermal LD<sub>50</sub>)</b>	REACH dossier information. Based on available data the classification criteria are not met.
<b>ATE dermal (mg/kg)</b>	5,610.0
<b><u>Skin corrosion/irritation</u></b>	
<b>Animal data</b>	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.
<b><u>Serious eye damage/irritation</u></b>	
<b>Serious eye damage/irritation</b>	Dose: 0.1 ml, 1 second, Rabbit REACH dossier information. Causes serious eye irritation.
<b><u>Skin sensitisation</u></b>	
<b>Skin sensitisation</b>	Local Lymph Node Assay (LLNA) - Mouse: Sensitising. REACH dossier information. May cause an allergic skin reaction.
<b><u>Germ cell mutagenicity</u></b>	
<b>Genotoxicity - in vitro</b>	Gene mutation: Negative. REACH dossier information. Based on available data the classification criteria are not met.
<b>Genotoxicity - in vivo</b>	Chromosome aberration: Negative. REACH dossier information. Based on available data the classification criteria are not met.
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - fertility</b>	Screening - NOAEL 500 mg/kg/day, Oral, Rat P REACH dossier information. Based on available data the classification criteria are not met.
<b>Reproductive toxicity - development</b>	Maternal toxicity: - NOAEL: 500 mg/kg/day, Oral, Rat REACH dossier information. Based on available data the classification criteria are not met.
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>STOT - repeated exposure</b>	NOAEL 160 mg/kg/day, Oral, Rat REACH dossier information. Based on available data the classification criteria are not met.
<b><u>Aspiration hazard</u></b>	
<b>Aspiration hazard</b>	Not anticipated to present an aspiration hazard, based on chemical structure.

### SECTION 12: Ecological Information

#### 12.1. Toxicity

**Toxicity** Aquatic Chronic 3 - H412 Harmful to aquatic life with long lasting effects.

#### Ecological information on ingredients.

methyl salicylate

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**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 100 mg/l, Freshwater fish  
REACH dossier information.

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 870 mg/l, Daphnia magna  
REACH dossier information.

### 3-methylbutyl butyrate

**Toxicity** There are no data on the ecotoxicity of this product.

### d-limonene

#### Acute aquatic toxicity

**LE(C)<sub>50</sub>** 0.1 < L(E)C<sub>50</sub> ≤ 1

**M factor (Acute)** 1

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 0.720 mg/l, Pimephales promelas (Fat-head Minnow)  
REACH dossier information.

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 0.36 mg/l, Daphnia magna  
REACH dossier information.

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 72 hours: 150 mg/l, Desmodemus subspicatus  
REACH dossier information.

#### Chronic aquatic toxicity

**NOEC** 0.001 < NOEC ≤ 0.01

**Degradability** Rapidly degradable

**M factor (Chronic)** 1

### anethole

**Acute toxicity - fish** EC<sub>50</sub>, 96 hours: ~ 7 mg/l, Brachydanio rerio (Zebra Fish)  
REACH dossier information.

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: ~ 6.82 mg/l, Daphnia magna  
REACH dossier information.

### clove leaf oil

**Toxicity** There are no data on the ecotoxicity of this product.

### ethyl-2,3-epoxy-3-phenylbutyrate

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 4.2 mg/l, Onchorhynchus mykiss (Rainbow trout)  
REACH dossier information.

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 52 mg/l, Daphnia magna  
REACH dossier information.

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 72 hours: 36 mg/l, Pseudokirchneriella subcapitata  
REACH dossier information.

### hexyl cinnamic aldehyde

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**Toxicity** There are no data on the ecotoxicity of this product.

### eugenol

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 13 mg/l, Freshwater fish  
REACH dossier information.

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 1.13 mg/l, Daphnia magna  
REACH dossier information.  
Estimated value.

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 72 hours: 36 mg/l, Desmodemus subspicatus

### linalool

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 27.8 mg/l, Onchorhynchus mykiss (Rainbow trout)  
REACH dossier information.

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 59 mg/l, Daphnia magna  
REACH dossier information.

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 96 hours: 88.3 mg/l, Scenedesmus subspicatus  
REACH dossier information.

## 12.2. Persistence and degradability

**Persistence and degradability** The degradability of the product is not known.

## Ecological information on ingredients.

### methyl salicylate

**Phototransformation** Water - DT<sub>50</sub> : 11.6 hours  
REACH dossier information.

**Biodegradation** Water - Degradation 98.4: 28 days  
REACH dossier information.  
The substance is readily biodegradable.

### 3-methylbutyl butyrate

**Persistence and degradability** The degradability of the product is not known.

### d-limonene

**Phototransformation** Water - DT<sub>50</sub> : 0.365 hours  
REACH dossier information.

**Biodegradation** The substance is readily biodegradable.

### anethole

**Biodegradation** Water - Degradation 79: 28 days  
REACH dossier information.  
The substance is readily biodegradable.

### clove leaf oil

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**Persistence and degradability** The degradability of the product is not known.

### ethyl-2,3-epoxy-3-phenylbutyrate

**Stability (hydrolysis)** pH9 - Half-life : 17.3 hours @ 25°C  
REACH dossier information.

**Biodegradation** Water - Degradation 53: 28 days  
REACH dossier information.  
The product is not readily biodegradable.

### hexyl cinnamic aldehyde

**Persistence and degradability** The degradability of the product is not known.

### eugenol

**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.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

**Partition coefficient** Not available.

### Ecological information on ingredients.

### methyl salicylate

**Bioaccumulative potential** No data available on bioaccumulation.

### 3-methylbutyl butyrate

**Bioaccumulative potential** No data available on bioaccumulation.

### d-limonene

**Bioaccumulative potential** BCF: 1022, REACH dossier information.

**Partition coefficient** log Pow: 4.38 REACH dossier information.

### anethole

**Bioaccumulative potential** No data available on bioaccumulation.

**Partition coefficient** Pow: ~ 3.3884 REACH dossier information.

### clove leaf oil



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**Bioaccumulative potential** No data available on bioaccumulation.

### ethyl-2,3-epoxy-3-phenylbutyrate

**Bioaccumulative potential** The product is not bioaccumulating.

**Partition coefficient** log Pow: 2.8 REACH dossier information.

### hexyl cinnamic aldehyde

**Bioaccumulative potential** No data available on bioaccumulation.

### eugenol

**Bioaccumulative potential** No data available on bioaccumulation.

**Partition coefficient** log Pow: 1.83 REACH dossier information.

### linalool

**Partition coefficient** log Pow: 2.9 REACH dossier information.

#### 12.4. Mobility in soil

**Mobility** The product is insoluble in water.

#### Ecological information on ingredients.

### methyl salicylate

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

**Henry's law constant** 4.76 Pa m<sup>3</sup>/mol @ 25°C REACH dossier information.

### 3-methylbutyl butyrate

**Mobility** No information available.

### d-limonene

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

### anethole

**Mobility** Slightly soluble in water.

### clove leaf oil

**Mobility** No information available.

### ethyl-2,3-epoxy-3-phenylbutyrate

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

**Surface tension** 58.9 mN/m @ 19.6°C REACH dossier information.

### hexyl cinnamic aldehyde

**Mobility** No information available.

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### eugenol

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

### linalool

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

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

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### Ecological information on ingredients.

### methyl salicylate

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

### 3-methylbutyl butyrate

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

### d-limonene

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

### anethole

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

### clove leaf oil

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

### ethyl-2,3-epoxy-3-phenylbutyrate

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

### hexyl cinnamic aldehyde

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

### eugenol

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

### linalool

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**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

### 12.6. Other adverse effects

**Other adverse effects** Not known.

### Ecological information on ingredients.

#### methyl salicylate

**Other adverse effects** Not known.

#### 3-methylbutyl butyrate

**Other adverse effects** Not known.

#### d-limonene

**Other adverse effects** Not known.

#### anethole

**Other adverse effects** None known.

#### clove leaf oil

**Other adverse effects** Not known.

#### ethyl-2,3-epoxy-3-phenylbutyrate

**Other adverse effects** Not known.

#### hexyl cinnamic aldehyde

**Other adverse effects** Not known.

#### eugenol

**Other adverse effects** Not known.

#### linalool

**Other adverse effects** Not known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible. Avoid discharge to the aquatic environment. This material and its container must be disposed of in a safe way.

**Disposal methods** Waste packaging should be collected for reuse or recycling. Dispose of contents/container in accordance with local regulations.

## SECTION 14: Transport information

## JELLY BELLY 3D AIR FRESHENER - Tutti Fruitti

### General

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

#### 14.1. UN number

Not applicable.

#### 14.2. UN proper shipping name

Not applicable.

#### 14.3. Transport hazard class(es)

No transport warning sign required.

#### 14.4. Packing group

Not applicable.

#### 14.5. Environmental hazards

##### Environmentally hazardous substance/marine pollutant

No.

#### 14.6. Special precautions for user

Not applicable.

#### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78  
and the IBC Code

### SECTION 15: Regulatory information

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

##### National regulations

Health and Safety at Work etc. Act 1974 (as amended).  
The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].  
EH40/2005 Workplace exposure limits.

##### 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).  
Commission Regulation (EU) No 2015/830 of 28 May 2015.  
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).

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

## JELLY BELLY 3D AIR FRESHENER - Tutti Fruitti

<b>Abbreviations and acronyms used in the safety data sheet</b>	<p>ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.</p> <p>ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.</p> <p>ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air.</p> <p>RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.</p> <p>IMDG: International Maritime Dangerous Goods.</p> <p>LC<sub>50</sub>: Lethal Concentration to 50 % of a test population.</p> <p>LD<sub>50</sub>: Lethal Dose to 50% of a test population (Median Lethal Dose).</p> <p>EC<sub>50</sub>: 50% of maximal Effective Concentration.</p> <p>PBT: Persistent, Bioaccumulative and Toxic substance.</p> <p>vPvB: Very Persistent and Very Bioaccumulative.</p>
<b>Classification abbreviations and acronyms</b>	<p>Skin Sens. = Skin sensitisation</p> <p>Aquatic Chronic = Hazardous to the aquatic environment (chronic)</p>
<b>Key literature references and sources for data</b>	REACH dossier information. Source: European Chemicals Agency, <a href="http://echa.europa.eu/">http://echa.europa.eu/</a> Supplier's information.
<b>Classification procedures according to Regulation (EC) 1272/2008</b>	Skin Sens. 1 - H317, Aquatic Chronic 3 - H412: Calculation method.
<b>Training advice</b>	Read and follow manufacturer's recommendations.
<b>Revision comments</b>	New information available.
<b>Revision date</b>	01/09/2016
<b>Revision</b>	1
<b>Supersedes date</b>	12/08/2014
<b>SDS number</b>	4550
<b>Hazard statements in full</b>	<p>H226 Flammable liquid and vapour.</p> <p>H302 Harmful if swallowed.</p> <p>H304 May be fatal if swallowed and enters airways.</p> <p>H312 Harmful in contact with skin.</p> <p>H315 Causes skin irritation.</p> <p>H317 May cause an allergic skin reaction.</p> <p>H319 Causes serious eye irritation.</p> <p>H400 Very toxic to aquatic life.</p> <p>H410 Very toxic to aquatic life with long lasting effects.</p> <p>H411 Toxic to aquatic life with long lasting effects.</p> <p>H412 Harmful to aquatic life with long lasting effects.</p>

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.