

## SAFETY DATA SHEET

CLP: REACH Regulation (EU) 2020/878

Printed on 06 Jun 2022

Code Number DEV-50685

Version 16 Revised 08/02/2022 13:28:31

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

#### 1.1 Product Identifier

Product Name STRAWBERRY FRAGRANCE

Code Number DEV-50685

Alternative Name

REACH Registration Number Not registered

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

Concentrated material for manufacturing purposes only

Gracefruit Limited  
209 Glasgow Road  
Longcroft  
Bonnybridge  
FK4 1QQ

01324 841353

#### 1.4 Emergency Telephone Number

07934-427028

### Section 2: Hazard Identification

#### 2.1 Classification of the substance or mixture

Not Classified

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Refer to section 16 for the wording of listed classification and hazard statement codes

## 2.2 Label elements

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

Hazard Pictograms

Signal Word

Hazard Statements

Precautionary Statements

P273 Avoid release to the environment.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P501 Dispose of contents/container to approved disposal site, in accordance with local regulations.

## 2.3 Other Hazards

Contains nothing known from the allergens list which may produce an allergic reaction

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

No further information available at this time

## Section 3: Composition / information on ingredients

Any percentage values listed here for hazardous components are for illustrative purposes only

### 3.2 Mixtures

Complex mixture of fragrance ingredients

Hazardous components

ID Numbers	Chemical Name, Classification and Hazards	Conc. (%)	SCL / ATE / M-Factor
CAS 4940-11-8 EINECS 225-582-5 REACH	Ethyl maltol (3-Hydroxy-2-ethyl-4H-pyran-4-one) Acute Tox. 4;H302	>=3%, <5%	LD50(oral): 1200 mg/kg

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### Section 4: First Aid measures

Take phrases in section 2 into account

#### 4.1 Description of first aid measures

After inhalation

Remove from the exposure area to fresh air. Contact a doctor if necessary.

After skin contact

Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation persists or there is any sign of tissue damage.

After eye contact

Flush with plenty of water and seek medical advice if necessary.

After ingestion

Wash mouth with plenty of water and obtain medical advice immediately.

#### 4.2 Most important symptoms and effects, both acute and delayed

No further information available at this time

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

No further information available at this time

### Section 5: Fire-fighting measures

#### 5.1 Extinguishing Media

Carbon dioxide, foam or dry powder.  
DO NOT USE A DIRECT WATER JET.

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

May produce Carbon dioxide and unidentified organic compounds.

#### 5.3 Advice for fire-fighters

Wear protective clothing and avoid inhalation of vapours. Keep containers cool with water spray

### Section 6: Accidental release measures

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

Remove all sources of ignition.  
Avoid inhalation, skin and eye contact.  
Ensure proper ventilation.

#### 6.2 Environmental precautions

Do not discharge directly into drains or the soil. Keep away from surface and ground

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water

## 6.3 Methods and material for containment and cleaning up

Soak up spillage with sand or other inert absorbant material such as earth or vermiculite; transfer used material to a suitable waste container and dispose in accordance with regulations.

## 6.4 Reference to other sections

Refer to information in Sections 7, 8 and 13

## Section 7: Handling and storage

### 7.1 Precautions for safe handling

Maintain good occupational and personal hygiene. Avoid inhalation and contact with skin and eyes.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in tightly sealed original containers away from ignition sources and in a cool place.

### 7.3 Specific end uses

No further information available

## Section 8: Exposure controls / personal protection

### 8.1 Control Parameters

Occupational exposure limits:

UK / WEL

(Workplace exposure limits, EH40/2005, 2020)

CAS	Long-term (8hr TWA) mg/m3	Long-term (8hr TWA) ppm	Short-term (15min) mg/m3	Short-term (15min) ppm	Notes
84-66-2		5		10	

No information available

### 8.2 Exposure controls

Engineering controls

No information available

Individual protection measures

Refer to Section 5 for specific fire / chemical personal protective equipment advice.

Always wash routinely before breaks, meals and at the end of the work period.

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Eye / face protection

Wear safety goggles.

Hand protection

Wear chemically resistant disposable gloves.

Other skin protection

Wear overalls. Always wash routinely before breaks, meals and at the end of the work period.

Respiratory protection

Not generally required. Use inhalation protection in poorly ventilated areas

Thermal hazards

No information available

Environmental exposure controls

No information available

### Section 9: Physical and chemical properties

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

Flash Point (°C) Above 61

Physical state Liquid

#### 9.2 Other information

Information with regard to physical hazard classes

No further information available

Other safety characteristics

No further information available

### Section 10: Stability and reactivity

#### 10.1 Reactivity

Not determined

#### 10.2 Chemical Stability

Not determined

#### 10.3 Possibility of hazardous reactions

Not determined

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### 10.4 Conditions to avoid

Extreme temperatures

### 10.5 Incompatible materials

Highly reactive chemicals which may produce unknown reaction products and so cause additional hazards.

### 10.6 Hazardous decomposition products

Not determined

## Section 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

Diethyl phthalate (DEP) CAS: 84-66-2

LD50(oral): Not applicable LD50(dermal): Not applicable  
LC50(inhalation): Not applicable

Ethyl butyrate CAS: 105-54-4

LD50(oral): Not applicable LD50(dermal): Not applicable  
LC50(inhalation): Not applicable

Ethyl maltol  
(3-Hydroxy-2-ethyl-4H-pyran-4-one) CAS:  
4940-11-8

LD50(oral): 1200 mg/kg LD50(dermal): Not applicable  
LC50(inhalation): Not applicable

Fructose (Fragolan) (Ethyl acetoacetate ethyleneglycol ketal) CAS: 6413-10-1

LD50(oral): Not applicable LD50(dermal): Not applicable  
LC50(inhalation): Not applicable

#### Skin corrosion / irritation

No data available

#### Serious eye damage / irritation

No data available

#### Respiratory or skin sensitisation

No data available

#### Germ cell mutagenicity

No data available

#### Carcinogenicity

No data available

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Reproductive toxicity

No data available

Specific Target Organ - single exposure

No data available

Specific Target Organ - repeated exposure

No data available

Aspiration hazard

No data available

Information on likely routes of exposure

No data available

Symptoms related to the physical, chemical and toxicological characteristics

No data available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

No data available

Interactive effects

No data available

### 11.2 Information on other hazards

Endocrine disrupting properties

No data

Other information

No data available

### Section 12: Ecological information

#### 12.1 Toxicity

#### 12.2 Persistence and degradability

No data available

#### 12.3 Bioaccumulative potential

No data available

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### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

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

### 12.6 Endocrine disrupting properties

No data

### 12.7 Other adverse effects

No data available

### 12.8 Additional information

No data

## Section 13: Disposal considerations

Please refer to the information in section 8 (Exposure controls and personal protection)

### 13.1 Waste treatment methods

Dispose in accordance with the law and local regulations. Treat as trade effluent.

## Section 14: Transport information

### 14.1 UN number or ID number

Not regulated

### 14.2 UN proper shipping name

### 14.3 Transport hazard class(es)

### 14.4 Packing group

Tunnel Code

### 14.5 Environmental Hazards

No relevant information available

### 14.6 Special precautions for user

No relevant information available

### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable

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### Section 15: Regulatory information

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

No relevant information available at this time

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out

### Section 16: Other information

Full list of precautionary phrases

P273 Avoid release to the environment.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P501 Dispose of contents/container to approved disposal site, in accordance with local regulations.

Wording of any hazard classes listed in section 3

FL 3 Flammable liquid, category 3

ATO 4 Acute toxicity, oral, category 4

Wording of any hazard statements listed in section 3

H226 Flammable liquid and vapour

H302 Harmful if swallowed

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## Allergen Analysis

*Product Name* : STRAWBERRY FRAGRANCE

*Code Number* : DEV-50685

Fragrance Ingredient	CAS Number	Concentration present as a percentage (%) or "A" for absent in fragrance		
		Added as such	From natural & other sources	Total
alpha-iso-Methylionone	127-51-5	A	A	A
Amyl Cinnamal	122-40-7	A	A	A
Amylcinnamyl Alcohol	101-85-9	A	A	A
Anise Alcohol	105-13-5	A	A	A
Benzyl Alcohol	100-51-6	A	A	A
Benzyl Benzoate	120-51-4	A	A	A
Benzyl Cinnamate	103-41-3	A	A	A
Benzyl Salicylate	118-58-1	A	A	A
Butylphenyl Methylpropional (Lilial)	80-54-6	A	A	A
Cinnamal	104-55-2	A	A	A
Cinnamyl Alcohol	104-54-1	A	A	A
Citral	106-26-3 141-27-5 5392-40-5	A	A	A
Citronellol	106-22-9 1117-61-9 141-25-3 6812-78-8 68916-43-8 7540-51-4	A	A	A
Coumarin	91-64-5	A	A	A
Eugenol	97-53-0	A	A	A
Evernia Furfuraceae (Tree Moss) Extract	90028-67-4	A	A	A
Evernia Prunastri (Oak Moss) Extract	90028-68-5	A	A	A
Farnesol	4602-84-0	A	A	A
Geraniol	106-24-1	A	A	A
Hexyl Cinnamal	101-86-0	A	A	A
Hydroxycitronellal	107-75-5	A	A	A
Isoeugenol	97-54-1	A	A	A
Limonene	138-86-3 5989-27-5 5989-54-8 7705-14-8	A	A	A
Linalool	126-90-9 126-91-0 78-70-6	A	A	A
Methyl 2-Octynoate	111-12-6	A	A	A

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