



## SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

**Product:** RAINBOW SHERBET

**Version:** 1

### Section 1. Identification of the substance or the mixture and of the supplier

#### 1.1 Product Identifier

**Product identifier:** RAINBOW SHERBET (Contains:(1a(E),2b)-1-(2,6,6-trimethylcyclohex-3-en-1yl)but-2-en-1-one, (R)-p-mentha-1,8-diene, 3,7-dimethyl-1,6-octadien-3-ol)

**Other identifiers:** None

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

**Product uses:** Fragrances

#### 1.3 Details of the supplier of the safety data sheet

**Company name:** Fizzywhiz

**Company address:** Unit 23 Maritime Enterprise Park Atlas Road L20 4DY United Kingdom

(Office hours: Monday to Friday 09.00 to 17.00)

**Contact:** Fizzywhiz

**E-Mail address:** Info@fizzywhiz.com

**Company phone:** (+44) 0151 922 0041

#### 1.4 Emergency telephone number

**Emergency phone:** (+44) 0151 922 0041

### Section 2. Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification under Regulation (EC) No 1272/2008

**Class and category of** Skin Corrosion / Irritation Category 2

**danger:**

Eye Damage / Irritation Category 2

Sensitization - Skin Category 1

Hazardous to the Aquatic Environment - Long-term Hazard Category 3

H315, Causes skin irritation.

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H317, May cause an allergic skin reaction.

H319, Causes serious eye irritation.

H412, Harmful to aquatic life with long lasting effects.

#### 2.2 Label elements

##### Classification under Regulation (EC) No 1272/2008

**Signal word:** Warning



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**Hazard statements:**

H315, Causes skin irritation.  
H317, May cause an allergic skin reaction.  
H319, Causes serious eye irritation.  
H412, Harmful to aquatic life with long lasting effects.

**Supplemental Information:**

EUH208, Contains 1-(2,6,6-Trimethyl-1-cyclohexen-1-yl)pent-1-en-3-one, 2,4-Dimethylcyclohex-3-ene-1-carbaldehyde, 2-Methoxy-4-(prop-2-en-1-yl)phenol, 3-methyl-4(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one, 4-tert-Butylcyclohexyl acetate, Ethyl 2,3epoxy-3-phenylbutyrate, [R-(E)]-1-(2,6,6-trimethyl-2-cyclohexen-1-yl)pent-1-en-3-one. May produce an allergic reaction.

**Precautionary statements:**

P261, Avoid breathing vapour or dust.  
P264, Wash hands and other contacted skin thoroughly after handling.  
P272, Contaminated work clothing should not be allowed out of the workplace.  
P273, Avoid release to the environment.  
P280, Wear protective gloves/eye protection/face protection.  
P302/352, IF ON SKIN: Wash with plenty of soap and water.  
P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P333/313, If skin irritation or rash occurs: Get medical advice/attention.  
P337/313, If eye irritation persists: Get medical advice/attention.  
P362, Take off contaminated clothing and wash before reuse.  
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.



**Pictograms:**

**2.3 Other hazards**

**Other hazards:**

Sensitisers declared on a CLP Hazard Label: 1-(2,6,6-Trimethyl-1-cyclohexen-1-yl)pent-1-en-3-one, 2,4-Dimethylcyclohex-3-ene-1-carbaldehyde, 2-Methoxy-4-(prop-2-en-1-yl)phenol, 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-

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**Other hazards:**

yl)-3-buten-2-one, 4-tert-Butylcyclohexyl acetate, Ethyl 2,3-epoxy-3-phenylbutyrate, [R-(E)]-1-(2,6,6-trimethyl-2cyclohexen-1-yl)pent-1-en-3-one  
Hydrocarbon Concentration %: 4.0729%

**Section 3. Composition / information on ingredients 3.2 Mixtures Contains:**



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Undecan-4-olide	104-67-6	203-225-4		10-<20%	Aquatic Chronic 3; H412,-	oral: ATE = 18500 mg/kg bw
Vanillin	121-33-5	204-465-2	01-2119516040-60-XXXX	10-<20%	Eye Irrit. 2;H319,-	dermal: ATE = 2600 mg/kg bw-oral: ATE = 3300 mg/kg bw
a,a-dimethylphenethyl butyrate	10094-34-5	233-221-8		5-<10%	Aquatic Chronic 2; H411,-	dermal: ATE = 5000.01 mg/kg bw-oral: ATE = 5000.01 mg/kg bw
Benzyl acetate	140-11-4	205-399-7		5-<10%	Aquatic Chronic 3; H412,-	oral: ATE = 2490 mg/kg bw
(R)-p-mentha-1,8-diene	5989-27-5	227-813-5		1-<5%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 3; H226-H304-H315H317-H400-H412,-	M = 1-dermal: ATE = 5000.01 mg/kg bw-oral: ATE = 4400 mg/kg bw
a,a-dimethylphenethyl acetate	151-05-3	205-781-3		1-<5%	Skin Irrit. 2-Aquatic Chronic 3;H315-H412,-	oral: ATE = 3300 mg/kg bw
3,7-dimethyl-1,6octadien-3-ol	78-70-6	201-134-4		1-<5%	Skin Sens. 1B;H317,-	oral: ATE = 2790 mg/kg bw
Isopentyl acetate	123-92-2	204-662-3	01-2119548408-32-XXXX	1-<5%	Flam. Liq. 3;H226, EUH066	dermal: ATE = 5000 mg/kg bw-oral: ATE = 7400 mg/kg bw
3-methylbutyl butyrate	106-27-4	203-380-8	01-2120762245-55-XXXX	1-<5%	Flam. Liq. 3-Skin Irrit. 2-STOT SE 3-Aquatic Chronic 3;H226-H315H335-H412,-	
Ethyl butyrate	105-54-4	203-306-4		1-<5%	Flam. Liq. 3-Eye Irrit. 2; H226-H319,-	dermal: ATE = 2000.01 mg/kg bw-oral: ATE = 13000 mg/kg bw
Ethyl isovalerate	108-64-5	203-602-3		1-<5%	Flam. Liq. 3-Skin Irrit. 2;H226-H315,-	
Ethyl 2,3-epoxy-3phenylbutyrate	77-83-8	201-061-8	<1 tpa	0.1-<1%	Skin Sens. 1B-Aquatic Chronic 2;H317-H411,-	oral: ATE = 5470 mg/kg bw
2,4-Dimethylcyclohex-3ene-1-carbaldehyde	68039-49-6	268-264-1, 943-728-2		0.1-<1%	Skin Irrit. 2-Eye Irrit. 2-Skin Sens. 1B-Aquatic Chronic 2;H315-H317H319-H411,-	oral: ATE = 3900 mg/kg bw
3-methyl-4-(2,6,6trimethyl-2-cyclohexen-1-yl)-3-buten-2-one	127-51-5	204-846-3		0.1-<1%	Skin Sens. 1B-Aquatic Chronic 2;H317-H411,-	
4-tert-Butylcyclohexyl acetate	32210-23-4	250-954-9		0.1-<1%	Skin Sens. 1B;H317,-	oral: ATE = 3370 mg/kg bw

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Phenethyl acetate	103-45-7	203-113-5		0.1-<1%	Eye Dam. 1;H318,-	oral: ATE = 3670 mg/kg bw
(1a(E),2b)-1-(2,6,6trimethylcyclohex-3-en-1-yl)but-2-en-1-one	71048-82-3	275-156-8		0.1-<1%	Acute Tox. 4-Skin Irrit. 2-Skin Sens. 1A-Aquatic Acute 1Aquatic Chronic 1; H302-H315-H317H410,-	oral: ATE = 1400 mg/kg bw
2-Methoxy-4-(prop-2-en-1-yl)phenol	97-53-0	202-589-1		0.1-<1%	Eye Irrit. 2-Skin Sens. 1B;H317-H319,-	oral: ATE = 2300 mg/kg bw
[R-(E)]-1-(2,6,6trimethyl-2-cyclohexen1-yl)pent-1-en-3-one	127-42-4	204-842-1		0.1-<1%	Skin Irrit. 2-Skin Sens. 1-Aquatic Chronic 2; H315-H317-H411,-	



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1-(2,6,6-Trimethyl-1cyclohexen-1-yl)pent-1en-3-one	127-43-5	204-843-7		0.1-<1%	Skin Irrit. 2-Skin Sens. 1B-Aquatic Chronic 2; H315-H317-H411,-	
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### Substances with Community workplace exposure limits:

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008	Specific Conc. Limits, M-factors and ATEs
Diethyl phthalate	84-66-2	201-550-6		10-<20%	-;-	dermal: ATE = 3000 mg/kg bw-oral: ATE = 8600 mg/kg bw

### Substances that are endocrine disruptors according to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605, greater than 0.1%:

Not Applicable

### Substances that are persistent, bioaccumulative and toxic or very persistent and very bioaccumulative, greater than 0.1%: Not Applicable

### Section 4. First-aid measures

#### 4.1 Description of first aid measures

- Inhalation:** Remove from exposure site to fresh air, keep at rest, and obtain medical attention.
- Eye exposure:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Skin exposure:** IF ON SKIN: Wash with plenty of soap and water.
- Ingestion:** Rinse mouth with water and obtain medical attention.

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

- Causes skin irritation.
- May cause an allergic skin reaction.
- Causes serious eye irritation.

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

None expected, see Section 4.1 for further information.

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### Section 5: Firefighting measures

#### 5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

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

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

#### 5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.



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### Section 6. Accidental release measures

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

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

#### 6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

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

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

#### 6.4 Reference to other sections:

Also refer to sections 8 and 13.

### Section 7. Handling and storage

#### 7.1 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation. Do not eat, drink or smoke when using this product.

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

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

#### 7.3 Specific end use(s):

Fragrances: Use in accordance with good manufacturing and industrial hygiene practices.

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### Section 8. Exposure controls/personal protection

#### 8.1 Control parameters

Workplace exposure limits:

Ingredient	CAS	EC	Description	Value
Diethyl phthalate	84-66-2	201-550-6	Long-term exposure limit (8-hour TWA) (mg/m <sup>3</sup> )	5
			Short-term exposure limit (15-minute) (mg/m <sup>3</sup> )	10

#### 8.2 Exposure Controls

##### Eye / Skin Protection

Wear protective gloves/eye protection/face protection

##### Respiratory Protection

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Ensure adequate and ongoing ventilation is maintained in order to prevent build up of excessive vapour and to ensure occupational exposure limits are adhered to. If appropriate, and depending on your patterns and volumes of use, the following engineering controls may be required as additional protective measures: a) Isolate mixing rooms and other areas where this material is used or openly handled. Maintain these areas under negative air pressure relative to the rest of the plant. b) Employ the use of Personal protective equipment - an approved, properly fitted respirator with organic vapour cartridges or canisters and particulate filters. c) Use local exhaust ventilation around open tanks and other open sources of potential exposures in order to avoid excessive inhalation, including places where this material is openly weighed or measured. In addition, use general dilution ventilation of the work area to eliminate or reduce possible worker exposures. d) Use closed systems for transferring and processing this material. Also refer to Sections 2 and 7.

### Section 9. Physical and chemical properties

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

<b>Physical State/Colour:</b>	Not determined
<b>Odour:</b>	Not determined
<b>Odour threshold:</b>	Not determined
<b>Melting point / freezing point:</b>	Not determined
<b>Boiling point or initial boiling point and boiling range:</b>	Not determined
<b>Flammability:</b>	Not determined
<b>Lower and upper explosion limit:</b>	Not determined
<b>Flash point:</b>	64 °C
<b>Auto-ignition temperature:</b>	Not determined
<b>Decomposition temperature:</b>	Not relevant
<b>pH:</b>	Not determined
<b>Kinematic viscosity:</b>	Not determined
<b>Solubility:</b>	Not determined
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<b>Partition coefficient: n-octanol/water (log value):</b>	Not determined
<b>Vapour pressure:</b>	0.71521129 mmHg
<b>Density and/or relative density:</b>	Not determined
<b>Relative vapour density:</b>	Not determined
<b>Particle characteristics:</b>	Not determined

**9.2 Other information:** None available

### Section 10. Stability and reactivity

#### 10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

#### 10.2 Chemical stability:

Good stability under normal storage conditions.

#### 10.3 Possibility of hazardous reactions:



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Not expected under normal conditions of use.

### 10.4 Conditions to avoid:

Avoid extreme heat.

### 10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

### 10.6 Hazardous decomposition products:

Not expected.

## Section 11. Toxicological information

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

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP).

**Acute Toxicity:** Based on available data the classification criteria are not met.

Acute Toxicity Oral >5000 mg/kg

Acute Toxicity Dermal >5000 mg/kg

Acute Toxicity Inhalation Not Available

**Skin corrosion/irritation:** Skin Corrosion / Irritation Category 2

**Serious eye damage/irritation:** Eye Damage / Irritation Category 2

**Respiratory or skin sensitisation:** Sensitization - Skin Category 1

**Germ cell mutagenicity:** Based on available data the classification criteria are not met.

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

**Reproductive toxicity:** Based on available data the classification criteria are not met.

**STOT-single exposure:** Based on available data the classification criteria are not met.

**STOT-repeated exposure:** 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.

### Information about hazardous ingredients in the mixture

Not Applicable

Refer to Sections 2 and 3 for additional information.

### 11.2 Information on other hazards

Not Applicable



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### Section 12. Ecological information

**12.1 Toxicity:**

Harmful to aquatic life with long lasting effects.

**12.2 Persistence and degradability:** Not available

**12.3 Bioaccumulative potential:** Not available **12.4**

**Mobility in soil:** Not available

**12.5 Results of PBT and vPvB assessment:**

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

**12.6 Endocrine disrupting properties:** Not Applicable

**12.7 Other adverse effects:**

VOC percent: 20.250%

### Section 13. Disposal considerations

**13.1 Waste treatment methods:**

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

### Section 14. Transport information

	14.1 UN number:	14.2 UN Proper Shipping Name:	14.3 Transport hazard class (es):	Sub Risk:	14.4 Packing Group:
<b>UN Model Regulations</b>	Not classified	-	-	-	-
<b>IMDG</b>	Not classified	-	-	-	-
<b>ADR,RID,ADN</b>	Not classified	-	-	-	-
<b>ICAO TI</b>	Not classified	-	-	-	-

**14.5 Environmental hazards:** Not environmentally hazardous for transport

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**14.6 Special precautions for user:** None additional

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

Not classified

### Section 15. Regulatory information

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

Water Hazard Class (WGK): 3

This fragrance does not contain any SVHC's.

Swiss VOC Cumulative %: 9.699%

The following Proposition 65 substances are contained in this fragrance:

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beta-Myrcene CAS 123-35-3: 0.052388%

This fragrance CAN use the naturally occurring in food exemption.

German Storage Class: Storage class 10

### 15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

### Section 16. Other information

**Concentration % Limits:** SCI 2=93.48% EDI 2=43.72% SS 1=24.55% EH C3=17.09% EH C4=63.38%

**Total Fractional Values:** SCI 2=1.07 EDI 2=2.29 SS 1=4.07 EH C3=5.85 EH C4=1.58

### Key to revisions:

Not applicable

### Key to abbreviations:

Abbreviation	Meaning
Acute Tox. 4	Acute Toxicity - Oral Category 4
Aquatic Acute 1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
Aquatic Chronic 1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
Aquatic Chronic 2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
Aquatic Chronic 3	Hazardous to the Aquatic Environment - Long-term Hazard Category 3
Asp. Tox 1	Aspiration Hazard Category 1
EUH066	Repeated exposure may cause skin dryness or cracking.
Eye Dam. 1	Eye Damage / Irritation Category 1
Eye Irrit. 2	Eye Damage / Irritation Category 2
Flam. Liq. 3	Flammable Liquid, Hazard Category 3
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.

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H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
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.



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H412	Harmful to aquatic life with long lasting effects.
P210	Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301/312	IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P303/361/353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P304/340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician.
P312	Call a POISON CENTRE or doctor/physician if you feel unwell.
P330	Rinse mouth.
P331	Do not induce vomiting.
P332/313	If skin irritation occurs: Get medical advice/attention.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391	Collect spillage.
P403/233/235	Store in a well-ventilated place. Keep container tightly closed. Keep cool.
P403/235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.

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STOT SE 3	Specific Target Organ Toxicity (Single Exposure) Category 3
Skin Irrit. 2	Skin Corrosion / Irritation Category 2



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Skin Sens. 1	Sensitization - Skin Category 1
Skin Sens. 1A	Sensitization - Skin Category 1A
Skin Sens. 1B	Sensitization - Skin Category 1B

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.