

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 25.03.2021

Version 23

Revision: 25.03.2021

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

#### 1.1 Product identifier

Trade name: Fragrance oil for cosmetics / soaps / melts - Bubble Gum

Fragrance / aromatic oil for lip balm - Bubble Gum

Article number: PSQ0632344 - GOF304 - GOL304

1.2 Relevant identified uses of the substance or mixture and uses advised against No further relevant information available.

Application of the substance / the mixture Flavour/Fragrance

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

SoapQueen vof

Veilingdreef 20

4614RX Bergen op Zoom, Nederland

Contact persoon: Regulatory Manager

1.4 Emergency telephone number: +31 (0)164 254900

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Flam. Liq. 3 H226 Flammable liquid and vapour.

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

#### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 The product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS02 GHS07 GHS09

Signal word Warning

Hazard-determining components of labelling:

DIPENTENE

2-Methyl-5-(1-methylvinyl)cyclohex-2-en-1-one

trans-Anethole

Menthone

d,l-Isomenthone

Eugenol

l.-alpha.-Pinene

beta-Pinene

Hazard statements

H226 Flammable liquid and vapour.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P241 Use explosion-proof [electrical/ventilating/lighting] equipment.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

(Contd. on page 2)

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 25.03.2021

Version 23

Revision: 25.03.2021

(Contd. of page 1)

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

### 2.3 Other hazards

- ◊ Results of PBT and vPvB assessment
- ◊ PBT: Not applicable.
- ◊ vPvB: Not applicable.

## SECTION 3: Composition/information on ingredients

### 3.2 Chemical characterisation: Mixtures

- ◊ Description: Mixture of substances listed below with nonhazardous additions.

#### Dangerous components:

CAS: 123-92-2	3-Methyl butyl acetate	>10-20%
EINECS: 204-662-3	Flam. Liq. 3, H226	
CAS: 105-37-3	Ethyl propionate	>10-<20%
EINECS: 203-291-4	Flam. Liq. 2, H225; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	
CAS: 57-55-6	1,2-Propylene glycol	>10-20%
EINECS: 200-338-0	substance with a Community workplace exposure limit	
CAS: 105-54-4	Ethyl butyrate	>5-<10%
EINECS: 203-306-4	Flam. Liq. 3, H226; Eye Irrit. 2, H319	
CAS: 138-86-3	DIPENTENE	>5-<10%
EINECS: 205-341-0	Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; Skin Sens. 1B, H317	
CAS: 99-49-0	2-Methyl-5-(1-methylvinyl)cyclohex-2-en-1-one	>5-10%
EINECS: 202-759-5	Skin Sens. 1, H317	
CAS: 2216-51-5	L-Menthol	>2.5-5%
EINECS: 218-690-9	Skin Irrit. 2, H315; Eye Irrit. 2, H319	
CAS: 4180-23-8	trans-Anethole	>2.5-5%
EINECS: 224-052-0	Skin Sens. 1B, H317	
CAS: 659-70-1	Isoamyl isovalerate	≥1-<2.5%
EINECS: 211-536-1	Aquatic Chronic 2, H411	
CAS: 106-27-4	3-Methylbutylbutyrate	≥1-<2.5%
EINECS: 203-380-8	Flam. Liq. 3, H226; Aquatic Chronic 3, H412	
CAS: 141-78-6	Ethyl acetate	1-2.5%
EINECS: 205-500-4	Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	
CAS: 89-80-5	Menthone	1-2.5%
EINECS: 201-941-1	Skin Irrit. 2, H315; Skin Sens. 1B, H317	
CAS: 110-19-0	iso-Butyl acetate	1-2.5%
EINECS: 203-745-1	Flam. Liq. 2, H225; STOT SE 3, H336	
CAS: 491-07-6	d,l-Isomenthone	≥0.1-<1%
EINECS: 207-727-4	Skin Irrit. 2, H315; Skin Sens. 1B, H317	
CAS: 120-51-4	Benzyl benzoate	≥0.25-<1%
EINECS: 204-402-9	Aquatic Acute 1, H400; Aquatic Chronic 2, H411; Acute Tox. 4, H302	
CAS: 97-53-0	Eugenol	≥0.1-<1%
EINECS: 202-589-1	Eye Irrit. 2, H319; Skin Sens. 1B, H317	
CAS: 7785-26-4	l-α-Pinene	≥0.1-<0.25%
EINECS: 232-077-3	Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; Skin Sens. 1B, H317	
CAS: 18172-67-3	β-Pinene	≥0.1-<0.25%
EINECS: 242-060-2	Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; Skin Sens. 1B, H317	

(Contd. on page 3)

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 25.03.2021

Version 23

Revision: 25.03.2021

(Contd. of page 2)

◊ Additional information: For the wording of the listed hazard phrases refer to section 16.

### . SECTION 4: First aid measures

#### ◊ 4.1 Description of first aid measures

◊ General information: Immediately remove any clothing soiled by the product.

◊ After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

◊ After skin contact: Immediately wash with water and soap and rinse thoroughly.

◊ After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

◊ After swallowing: Drink plenty of water and provide fresh air. Call for a doctor immediately.

◊ 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.

◊ 4.3 Indication of any immediate medical attention and special treatment needed No further relevant information available.

### . SECTION 5: Firefighting measures

#### ◊ 5.1 Extinguishing media

◊ Suitable extinguishing agents: CO<sub>2</sub>, sand, extinguishing powder. Do not use water.

◊ For safety reasons unsuitable extinguishing agents: Water with full jet

◊ 5.2 Special hazards arising from the substance or mixture During heating or in case of fire poisonous gases are produced.

#### ◊ 5.3 Advice for firefighters

◊ Protective equipment: No special measures required.

### . SECTION 6: Accidental release measures

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

Wear protective equipment. Keep unprotected persons away.

#### ◊ 6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

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

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

Treat with 2 % sodium hydroxide solution.

Ensure adequate ventilation.

Do not flush with water or aqueous cleansing agents

#### ◊ 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

### . SECTION 7: Handling and storage

#### ◊ 7.1 Precautions for safe handling Prevent formation of aerosols.

◊ Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect from heat.

Protect against electrostatic charges.

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

◊ Storage:

◊ Requirements to be met by storerooms and receptacles: No special requirements.

◊ Information about storage in one common storage facility: Not required.

(Contd. on page 4)

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 25.03.2021

Version 23

Revision: 25.03.2021

(Contd. of page 3)

- ◊ Further information about storage conditions: Keep container tightly sealed.
- ◊ Storage class: 3
- ◊ **7.3 Specific end use(s)** No further relevant information available.

### . SECTION 8: Exposure controls/personal protection

- ◊ **8.1 Control parameters**
- ◊ Additional information about design of technical facilities: No further data; see item 7.
- ◊ Ingredients with limit values that require monitoring at the workplace:
  - 123-92-2 3-Methyl butyl acetate**  
 WEL Short-term value: 541 mg/m<sup>3</sup>, 100 ppm  
 Long-term value: 270 mg/m<sup>3</sup>, 50 ppm
  - 57-55-6 1,2-Propylene glycol**  
 WEL Long-term value: 474\* 10\*\* mg/m<sup>3</sup>, 150\* ppm  
 \*total vapour and particulates \*\*particulates
  - 141-78-6 Ethyl acetate**  
 WEL Short-term value: 1468 mg/m<sup>3</sup>, 400 ppm  
 Long-term value: 734 mg/m<sup>3</sup>, 200 ppm
  - 110-19-0 iso-Butyl acetate**  
 WEL Short-term value: 903 mg/m<sup>3</sup>, 187 ppm  
 Long-term value: 724 mg/m<sup>3</sup>, 150 ppm
- ◊ Additional information: The lists valid during the making were used as basis.
- ◊ **8.2 Exposure controls**
- ◊ Personal protective equipment:
- ◊ General protective and hygienic measures:
  - Keep away from foodstuffs, beverages and feed.
  - Immediately remove all soiled and contaminated clothing
  - Wash hands before breaks and at the end of work.
  - Avoid contact with the eyes and skin.
- ◊ Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation.
- ◊ Protection of hands:
  - Protective gloves
  - The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
  - Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- ◊ Material of gloves The multichemical-resistant glove Barrier 02-100 is recommended.
- ◊ Penetration time of glove material
  - The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- ◊ Eye protection: Tightly sealed goggles

### . SECTION 9: Physical and chemical properties

- ◊ **9.1 Information on basic physical and chemical properties**
- ◊ General Information
- ◊ Appearance:
 

Form:	Fluid
Colour:	Colourless
Odour:	Characteristic
Odour threshold:	Not determined.
pH-value:	Not determined.
Melting point/freezing point:	Undetermined.
Flash point:	31 °C
Flammability (solid, gas):	Not applicable.

(Contd. on page 5)

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 25.03.2021

Version 23

Revision: 25.03.2021

(Contd. of page 4)

- ◊ **Decomposition temperature:** Not determined.
- ◊ **Auto-ignition temperature:** Not determined.
- ◊ **Explosive properties:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
- ◊ **Explosion limits:**
  - Lower: Not determined.
  - Upper: Not determined.
- ◊ **Density at 20 °C:** 0.951 g/cm<sup>3</sup>
- ◊ **Relative density:** Not determined.
- ◊ **Vapour density:** Not determined.
- ◊ **Evaporation rate:** Not determined.
- ◊ **Solubility in / Miscibility with water:** Not miscible or difficult to mix.
- ◊ **Partition coefficient: n-octanol/water:** Not determined.
- ◊ **Solvent separation test:**
  - VOC (EC) 68.28 %
- ◊ **9.2 Other information** No further relevant information available.

### . SECTION 10: Stability and reactivity

- ◊ **10.1 Reactivity** No further relevant information available.
- ◊ **10.2 Chemical stability**
- ◊ **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- ◊ **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- ◊ **10.4 Conditions to avoid** No further relevant information available.
- ◊ **10.5 Incompatible materials:** No further relevant information available.
- ◊ **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### . SECTION 11: Toxicological information

- ◊ **11.1 Information on toxicological effects**
- ◊ **Acute toxicity** Based on available data, the classification criteria are not met.
- ◊ **Primary irritant effect:**
- ◊ **Skin corrosion/irritation** Causes skin irritation.
- ◊ **Serious eye damage/irritation** Causes serious eye irritation.
- ◊ **Respiratory or skin sensitisation** May cause an allergic skin reaction.
- ◊ **Additional toxicological information:**
- ◊ **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- ◊ **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.
- ◊ **Aspiration hazard** Based on available data, the classification criteria are not met.

### . SECTION 12: Ecological information

- ◊ **12.1 Toxicity**
- ◊ **Aquatic toxicity:** No further relevant information available.

(Contd. on page 6)

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 25.03.2021

Version 23

Revision: 25.03.2021

(Contd. of page 5)

- ◊ **12.2 Persistence and degradability** No further relevant information available.
- ◊ **12.3 Bioaccumulative potential** No further relevant information available.
- ◊ **12.4 Mobility in soil** No further relevant information available.
- ◊ **Ecotoxicological effects:**
- ◊ **Remark:** Toxic for fish
- ◊ **Additional ecological information:**
- ◊ **General notes:**  
 Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water  
 Do not allow product to reach ground water, water course or sewage system, even in small quantities.  
 Danger to drinking water if even extremely small quantities leak into the ground.  
 Also poisonous for fish and plankton in water bodies.  
 Toxic for aquatic organisms
- ◊ **12.5 Results of PBT and vPvB assessment**
- ◊ **PBT:** Not applicable.
- ◊ **vPvB:** Not applicable.
- ◊ **12.6 Other adverse effects** No further relevant information available.

### . SECTION 13: Disposal considerations

- ◊ **13.1 Waste treatment methods**
- ◊ **Recommendation** Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- ◊ **Uncleaned packaging:**
- ◊ **Recommendation:** Disposal must be made according to official regulations.

### . SECTION 14: Transport information

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>◊ <b>14.1 UN-Number</b></li> <li>◊ <b>ADR, IMDG, IATA</b></li> <li>◊ <b>14.2 UN proper shipping name</b></li> <li>◊ <b>ADR</b></li> <li>◊ <b>IMDG</b></li> <li>◊ <b>IATA</b></li> <li>◊ <b>14.3 Transport hazard class(es)</b></li> <li>◊ <b>ADR</b></li> <li>◊ <b>Class</b></li> <li>◊ <b>Label</b></li> </ul>   | UN1197<br><br>EXTRACTS, FLAVOURING, LIQUID, ENVIRONMENTALLY<br>HAZARDOUS<br>EXTRACTS, FLAVOURING, LIQUID (DIPENTENE, Isoamyl<br>isovalerate), MARINE POLLUTANT<br>EXTRACTS, FLAVOURING, LIQUID<br><br>3 (F1) Flammable liquids.<br>3                |
| <ul style="list-style-type: none"> <li>◊ <b>IMDG, IATA</b></li> <li>◊ <b>Class</b></li> <li>◊ <b>Label</b></li> <li>◊ <b>14.4 Packing group</b></li> <li>◊ <b>ADR, IMDG, IATA</b></li> <li>◊ <b>14.5 Environmental hazards:</b></li> <li>◊ <b>Marine pollutant:</b></li> <li>◊ <b>Special marking (ADR):</b></li> <li>◊ <b>14.6 Special precautions for user</b></li> <li>◊ <b>Hazard identification number (Kemler code):</b></li> <li>◊ <b>EMS Number:</b></li> <li>◊ <b>Stowage Category</b></li> <li>◊ <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b></li> </ul> | 3 Flammable liquids.<br>3<br><br>III<br>Product contains environmentally hazardous substances:<br>DIPENTENE<br>Yes<br>Symbol (fish and tree)<br>Symbol (fish and tree)<br>Warning: Flammable liquids.<br>30<br>F-E, S-D<br>A<br><br>Not applicable. |

(Contd. on page 7)

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 25.03.2021

Version 23

Revision: 25.03.2021

(Contd. of page 6)

◊ *Transport/Additional information:*

◊ *ADR*

- ◊ *Limited quantities (LQ)*
- ◊ *Excepted quantities (EQ)*

5L

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

◊ *Transport category*

3

◊ *Tunnel restriction code*

D/E

◊ *IMDG*

- ◊ *Limited quantities (LQ)*
- ◊ *Excepted quantities (EQ)*

5L

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

◊ *UN "Model Regulation":*

UN 1197 EXTRACTS, FLAVOURING, LIQUID, 3, III,  
ENVIRONMENTALLY HAZARDOUS

### . SECTION 15: Regulatory information

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

◊ Labelling according to Regulation (EC) No 1272/2008 The product is classified and labelled according to the CLP regulation.

◊ Hazard pictograms



GHS02 GHS07 GHS09

◊ Signal word Warning

◊ Hazard-determining components of labelling:

DIPENTENE

2-Methyl-5-(1-methylvinyl)cyclohex-2-en-1-one

trans-Anethole

Menthone

d,l-Isomenthone

Eugenol

l.-alpha.-Pinene

beta-Pinene

◊ Hazard statements

H226 Flammable liquid and vapour.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

◊ Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P241 Use explosion-proof [electrical/ventilating/lighting] equipment.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.  
Continue rinsing.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

◊ Directive 2012/18/EU

◊ Named dangerous substances - ANNEX I None of the ingredients is listed.

◊ Seveso category

E2 Hazardous to the Aquatic Environment

P5c FLAMMABLE LIQUIDS

◊ Qualifying quantity (tonnes) for the application of lower-tier requirements 200 t

(Contd. on page 8)

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 25.03.2021

Version 23

Revision: 25.03.2021

(Contd. of page 7)

- ◊ Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t
- ◊ **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### . SECTION 16: Other information

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

#### ◊ Relevant phrases

H225 Highly flammable liquid and vapour.  
 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.  
 H319 Causes serious eye irritation.  
 H335 May cause respiratory irritation.  
 H336 May cause drowsiness or dizziness.  
 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.

#### ◊ Department issuing SDS: Regulatory Affairs

#### ◊ Contact: Dr. Maja Zippel

#### ◊ Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)  
 IMDG: International Maritime Code for Dangerous Goods  
 IATA: International Air Transport Association  
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
 EINECS: European Inventory of Existing Commercial Chemical Substances  
 ELINCS: European List of Notified Chemical Substances  
 CAS: Chemical Abstracts Service (division of the American Chemical Society)  
 VOC: Volatile Organic Compounds (USA, EU)  
 PBT: Persistent, Bioaccumulative and Toxic  
 vPvB: very Persistent and very Bioaccumulative  
 Flam. Liq. 2: Flammable liquids – Category 2  
 Flam. Liq. 3: Flammable liquids – Category 3  
 Acute Tox. 4: Acute toxicity – Category 4  
 Skin Irrit. 2: Skin corrosion/irritation – Category 2  
 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
 Skin Sens. 1: Skin sensitisation – Category 1  
 Skin Sens. 1B: Skin sensitisation – Category 1B  
 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3  
 Asp. Tox. 1: Aspiration hazard – Category 1  
 Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1  
 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1  
 Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2  
 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3