

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 03.03.2021

Version 22

Revision: 03.03.2021

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

1.1 Product identifier

- ◊ Trade name: Fragrance oil for cosmetics / soaps / melts - Herb garden
- ◊ Fragrance oil for candles - Herb garden

Article number: PPSQ0270007 - GOF343 - PKF343

- ◊ **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
- ◊ 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



GHS07 GHS09

- ◊ Signal word Warning

- ◊ Hazard-determining components of labelling:

3,7-Dimethyl-1,6-octadien-3-yl acetate
 3,7-Dimethyl-2,6-octadien-1-al (cis und trans)
 trans-Anethole
 2-Methyl-5-(1-methylvinyl)cyclohex-2-en-1-one
 2H-1-Benzopyran-2-one
 3,7-Dimethyl-1,6-octadien-3-ol
 1-(2,6,6-Trimethyl-2-cyclohexen-1-yl)hepta-1,6-dien-3-one

- ◊ Hazard statements

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

- ◊ Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 P273 Avoid release to the environment.
 P280 Wear protective gloves.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
 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.

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 03.03.2021

Version 22

Revision: 03.03.2021

(Contd. of page 1)

. SECTION 3: Composition/information on ingredients

◊ 3.2 Chemical characterisation: Mixtures

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

◊ Dangerous components:

CAS: 80-26-2	TERPINYLACETATE	>25-50%
EINECS: 201-265-7	Aquatic Chronic 2, H411	
CAS: 14901-07-6	JONON	>2.5-5%
EINECS: 238-969-9	Aquatic Chronic 2, H411	
CAS: 115-95-7	3,7-Dimethyl-1,6-octadien-3-yl acetate	>2.5-5%
EINECS: 204-116-4	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317	
CAS: 18479-58-8	2,6-Dimethyloct-7-en-2-ol	>2.5-5%
EINECS: 242-362-4	Skin Irrit. 2, H315; Eye Irrit. 2, H319	
CAS: 5392-40-5	3,7-Dimethyl-2,6-octadien-1-al (cis und trans)	1-2.5%
EINECS: 226-394-6	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	
CAS: 4180-23-8	trans-Anethole	1-2.5%
EINECS: 224-052-0	Skin Sens. 1B, H317	
CAS: 99-49-0	2-Methyl-5-(1-methylvinyl)cyclohex-2-en-1-one	≥0.1-<1%
EINECS: 202-759-5	Skin Sens. 1, H317	
CAS: 91-64-5	2H-1-Benzopyran-2-one	≥0.1-<1%
EINECS: 202-086-7	Acute Tox. 4, H302; Skin Sens. 1B, H317; Aquatic Chronic 3, H412	
CAS: 78-70-6	3,7-Dimethyl-1,6-octadien-3-ol	≥0.1-<1%
EINECS: 201-134-4	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317	
CAS: 79-78-7	1-(2,6,6-Trimethyl-2-cyclohexen-1-yl)hepta-1,6-dien-3-one	≥0.1-<0.25%
EINECS: 201-225-9	Aquatic Chronic 2, H411; Skin Sens. 1B, H317	

◊ 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.

◊ After swallowing: If symptoms persist consult doctor.

◊ 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:

CO₂, sand, extinguishing powder. Do not use water.

Use fire extinguishing methods suitable to surrounding conditions.

◊ 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.

GB

(Contd. on page 3)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 03.03.2021

Version 22

Revision: 03.03.2021

(Contd. of page 2)

. SECTION 6: Accidental release measures

- ◊ **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- ◊ **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.
- ◊ **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: No special measures required.
- ◊ **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.
- ◊ Further information about storage conditions: None.
- ◊ Storage class: 10
- ◊ **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:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- ◊ 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.
- ◊ 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: Goggles recommended during refilling

GB

(Contd. on page 4)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 03.03.2021

Version 22

Revision: 03.03.2021

(Contd. of page 3)

. SECTION 9: Physical and chemical properties

◇ 9.1 Information on basic physical and chemical properties

◇ General Information

◇ Appearance:

Form: Fluid

Colour: Yellowish

◇ Odour: Characteristic

◇ Odour threshold: Not determined.

◇ pH-value: Not determined.

◇ Melting point/freezing point: Undetermined.

◇ Flash point: >100 °C

◇ Flammability (solid, gas): Not applicable.

◇ Decomposition temperature: Not determined.

◇ Auto-ignition temperature: Not determined.

◇ Explosive properties: Not determined.

◇ Explosion limits:

Lower: Not determined.

Upper: Not determined.

◇ Density at 20 °C: 0.946 g/cm³

◇ 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) 92.54 %

◇ 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 Based on available data, the classification criteria are not met.

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

◇ Respiratory or skin sensitisation

May cause an allergic skin reaction.

(Contd. on page 5)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 03.03.2021

Version 22

Revision: 03.03.2021

(Contd. of page 4)

- ◊ *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.*
- ◊ **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 2 (German Regulation) (Self-assessment): hazardous for water*
- Do not allow product to reach ground water, water course or sewage system.*
- Danger to drinking water if even 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

- | | |
|--|---|
| ◊ 14.1 UN-Number | UN3082 |
| ◊ <i>ADR, IMDG, IATA</i> | |
| ◊ 14.2 UN proper shipping name | <i>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (TERPINYLACETATE, JONON)</i> |
| ◊ <i>ADR</i> | <i>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (TERPINYLACETATE, JONON), MARINE POLLUTANT</i> |
| ◊ <i>IMDG</i> | <i>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (containing TERPINYLACETATE, JONON)</i> |
| ◊ <i>IATA</i> | |
| ◊ 14.3 Transport hazard class(es) | |
| ◊ <i>ADR</i> | 9 (M6) Miscellaneous dangerous substances and articles. |
| ◊ <i>Class</i> | 9 |
| ◊ <i>Label</i> | |
| | |
| ◊ <i>IMDG, IATA</i> | |
| ◊ <i>Class</i> | 9 Miscellaneous dangerous substances and articles. |

(Contd. on page 6)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 03.03.2021

Version 22

Revision: 03.03.2021

(Contd. of page 5)

<ul style="list-style-type: none"> ◊ Label ◊ 14.4 Packing group ◊ ADR, IMDG, IATA ◊ 14.5 Environmental hazards: ◊ Marine pollutant: ◊ Special marking (ADR): ◊ Special marking (IATA): ◊ 14.6 Special precautions for user ◊ Hazard identification number (Kemler code): ◊ EMS Number: ◊ Stowage Category ◊ 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code ◊ Transport/Additional information: 	<p>9</p> <p>III</p> <p>Product contains environmentally hazardous substances: 1-(2,6,6-Trimethyl-2-cyclohexen-1-yl)hepta-1,6-dien-3-one</p> <p>Yes</p> <p>Symbol (fish and tree)</p> <p>Symbol (fish and tree)</p> <p>Symbol (fish and tree)</p> <p>Warning: Miscellaneous dangerous substances and articles.</p> <p>90</p> <p>F-A,S-F</p> <p>A</p> <p>Not applicable.</p>
<ul style="list-style-type: none"> ◊ ADR ◊ Limited quantities (LQ) ◊ Excepted quantities (EQ) ◊ Transport category ◊ Tunnel restriction code 	<p>5L</p> <p>Code: E1</p> <p>Maximum net quantity per inner packaging: 30 ml</p> <p>Maximum net quantity per outer packaging: 1000 ml</p> <p>3</p> <p>-</p>
<ul style="list-style-type: none"> ◊ IMDG ◊ Limited quantities (LQ) ◊ Excepted quantities (EQ) ◊ UN "Model Regulation": 	<p>5L</p> <p>Code: E1</p> <p>Maximum net quantity per inner packaging: 30 ml</p> <p>Maximum net quantity per outer packaging: 1000 ml</p> <p>UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (TERPINYLACETATE, JONON), 9, III</p>

. 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



GHS07 GHS09

- ◊ Signal word Warning
- ◊ Hazard-determining components of labelling:
 - 3,7-Dimethyl-1,6-octadien-3-yl acetate
 - 3,7-Dimethyl-2,6-octadien-1-al (cis und trans)
 - trans-Anethole
 - 2-Methyl-5-(1-methylvinyl)cyclohex-2-en-1-one
 - 2H-1-Benzopyran-2-one
 - 3,7-Dimethyl-1,6-octadien-3-ol
 - 1-(2,6,6-Trimethyl-2-cyclohexen-1-yl)hepta-1,6-dien-3-one
- ◊ Hazard statements
 - H317 May cause an allergic skin reaction.
 - H411 Toxic to aquatic life with long lasting effects.
- ◊ Precautionary statements
 - P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 - P273 Avoid release to the environment.

(Contd. on page 7)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 03.03.2021

Version 22

Revision: 03.03.2021

(Contd. of page 6)

P280 Wear protective gloves.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
 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
- ◊ Qualifying quantity (tonnes) for the application of lower-tier requirements 200 t
- ◊ 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
 - H302 Harmful if swallowed.
 - H315 Causes skin irritation.
 - H317 May cause an allergic skin reaction.
 - H319 Causes serious eye irritation.
 - 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
 - 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
 - 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