

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 25.03.2021

Version 68

Revision: 14.01.2021

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

1.1 Product identifier

Trade name: Fragrance oil for cosmetics / soaps / melts - Mango

Fragrance oil for candles - Mango

Article number: PSQ0225327 - GOF326 - PKF326

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 Corr. 1B H314 Causes severe skin burns and eye damage.

Eye Dam. 1 H318 Causes serious eye damage.

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



GHS05 GHS07 GHS09

Signal word Danger

Hazard-determining components of labelling:

4-hydroxy-2,5-dimethylfuran-2(3H)-one

Butyric acid

Myrcene

dl-Citronellol

Hazard statements

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

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.

P310 Immediately call a POISON CENTER/doctor.

P362+P364 Take off contaminated clothing and wash it before reuse.

P405 Store locked up.

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.

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◊ vPvB: Not applicable.

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. SECTION 3: Composition/information on ingredients

◊ 3.2 Chemical characterisation: Mixtures

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

◊ Dangerous components:

CAS: 3658-77-3	4-hydroxy-2,5-dimethylfuran-2(3H)-one	≥3-<5%
EINECS: 222-908-8	Skin Corr. 1B, H314; Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Sens. 1A, H317	
CAS: 107-92-6	Butyric acid	>2.5-<5%
EINECS: 203-532-3	Skin Corr. 1B, H314; Acute Tox. 4, H302	
CAS: 4940-11-8	2-Ethyl-3-hydroxy-4H-pyran-4-one	>2.5-5%
EINECS: 225-582-5	Acute Tox. 4, H302	
CAS: 123-35-3	Myrcene	2.5%
EINECS: 204-622-5	Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317	
CAS: 121-32-4	3-Ethoxy-4-hydroxybenzaldehyd, Ethylvanillin, 4-Hydroxy-3-ethylbenzaldehyd	1-2.5%
EINECS: 204-464-7	Eye Irrit. 2, H319	
CAS: 118-71-8	3-Hydroxy-2-methyl-4-pyrone	1-2.5%
EINECS: 204-271-8	Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	
CAS: 121-33-5	4-Hydroxy-3-Methoxybenzaldehyde	1-2.5%
EINECS: 204-465-2	Eye Irrit. 2, H319	
CAS: 7452-79-1	Ethyl 2-methylbutyrate	1-2.5%
EINECS: 231-225-4	Flam. Liq. 3, H226	
CAS: 105-37-3	Ethyl propionate	1-2.5%
EINECS: 203-291-4	Flam. Liq. 2, H225; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	
CAS: 106-22-9	dl-Citronellol	≥0.1-<1%
EINECS: 203-375-0	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, 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.

Seek immediate medical advice.

◊ After inhalation:

Supply fresh air; consult doctor in case of complaints.

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

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

Seek immediate medical advice.

◊ After skin contact:

Immediately wash with water and soap and rinse thoroughly.

Seek medical treatment.

◊ After eye contact:

Rinse opened eye for several minutes under running water. Then consult a doctor.

Seek immediate medical advice.

◊ After swallowing:

Drink plenty of water and provide fresh air. Call for a doctor immediately.

Seek immediate medical advice.

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

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- ◊ **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.
- ◊ 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: Mouth respiratory protective device.

. SECTION 6: Accidental release measures

- ◊ **6.1 Personal precautions, protective equipment and emergency procedures**
- Mount respiratory protective device.
- 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).
- Use neutralising agent.
- 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: Keep respiratory protective device available.
- ◊ **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: Keep container tightly sealed.
- ◊ Storage class: 8 A
- ◊ **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.

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◊ 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.

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:

Safety glasses

Tightly sealed goggles

. SECTION 9: Physical and chemical properties

◊ 9.1 Information on basic physical and chemical properties

◊ General Information

◊ Appearance:

Form:

Fluid

Colour:

Light yellow to light brown

◊ Odour:

Characteristic

◊ Odour threshold:

Not determined.

◊ pH-value:

Not determined.

◊ Melting point/freezing point:

Undetermined.

◊ Flash point:

73 °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:

0.956 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)

89.36 %

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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.
 - ◊ LD/LC50 values relevant for classification:
 - ATE (Acute Toxicity Estimates)**
 - Oral LD50 14,274 mg/kg
 - ◊ Primary irritant effect:
 - ◊ Skin corrosion/irritation
 - Causes severe skin burns and eye damage.
 - ◊ Serious eye damage/irritation
 - Causes serious eye damage.
 - ◊ 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.
- ◊ **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 1 (German Regulation) (Self-assessment): slightly hazardous for water
 - Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
 - Must not reach sewage water or drainage ditch undiluted or unneutralised.
 - 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.

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◊ **12.6 Other adverse effects** No further relevant information available.

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. 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**

◊ ADR, IMDG, IATA

UN1760

◊ **14.2 UN proper shipping name**

◊ ADR

CORROSIVE LIQUID, N.O.S. (4-Hydroxy-2,5-dimethyl-3(2H)-furanone, BUTYRIC ACID), ENVIRONMENTALLY HAZARDOUS CORROSIVE LIQUID, N.O.S. (4-Hydroxy-2,5-dimethyl-3(2H)-furanone, BUTYRIC ACID), MARINE POLLUTANT CORROSIVE LIQUID, N.O.S. (containing 4-Hydroxy-2,5-dimethyl-3(2H)-furanone, BUTYRIC ACID)

◊ IMDG

◊ IATA

◊ **14.3 Transport hazard class(es)**

◊ ADR

◊ Class

8 (C9) Corrosive substances.

◊ Label

8

◊ IMDG, IATA

◊ Class

8 Corrosive substances.

◊ Label

8

◊ **14.4 Packing group**

◊ ADR, IMDG, IATA

III

◊ **14.5 Environmental hazards:**

◊ Marine pollutant:

Product contains environmentally hazardous substances: Myrcene
No
Yes

Symbol (fish and tree)

Symbol (fish and tree)

Warning: Corrosive substances.

80

F-A,S-B

Acids

A

SW2 Clear of living quarters.

◊ Special marking (ADR):

◊ **14.6 Special precautions for user**

◊ Hazard identification number (Kemler code):

◊ EMS Number:

◊ Segregation groups

◊ Stowage Category

◊ Stowage Code

◊ **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable.

◊ Transport/Additional information:

◊ ADR

◊ Limited quantities (LQ)

5L

◊ Excepted quantities (EQ)

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

◊ Transport category

3

◊ Tunnel restriction code

E

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- ◊ 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 1760 CORROSIVE LIQUID, N.O.S. (4-HYDROXY-2,5-DIMETHYL-3(2H)-FURANONE, BUTYRIC ACID), 8, III, ENVIRONMENTALLY HAZARDOUS

- ◊ UN "Model Regulation":

. 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



GHS05 GHS07 GHS09

- ◊ Signal word Danger

- ◊ Hazard-determining components of labelling:

4-hydroxy-2,5-dimethylfuran-2(3H)-one

Butyric acid

Myrcene

dl-Citronellol

- ◊ Hazard statements

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

- ◊ Precautionary statements

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.

P310 Immediately call a POISON CENTER/doctor.

P362+P364 Take off contaminated clothing and wash it before reuse.

P405 Store locked up.

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

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H314 Causes severe skin burns and eye damage.

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.

◊ Department issuing SDS: Regulatory Affairs

◊ Contact: Dr. Maja Zippel

◊ Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

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 Corr. 1B: Skin corrosion/irritation – Category 1B

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1A: Skin sensitisation – Category 1A

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

◊ * Data compared to the previous version altered.