

# Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 09/17/2020

Version 60

Revision: 09/17/2020

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## 1. Identification of the substance/mixture and of the company/undertaking

### Product identifier

- Trade name: Fragrance oil for cosmetics / soaps / melts - Mountain Lavender
- Geurolie voor cosmetica / zeep / melts - Berglavendel
- Article number: PSQ0251022 - GON210 - PKN210

Application of the substance / the mixture Flavour/Fragrance

### Details of the supplier of the safety data

- Fabrikant/leverancier: YouWish  
Venserweg 21 M  
1112 AR Diemen  
The Netherlands  
www.youwish.nl

Contact persoon: YouWish

- 1.4 Telefoonnummer voor noodgevallen: +31 (0)164 254900

## 2. Hazards identification

### Classification of the substance or mixture

Flam. Liq. 4 H227 Combustible liquid.  
 Skin Irrit. 2 H315 Causes skin irritation.  
 Eye Irrit. 2A H319 Causes serious eye irritation.  
 Skin Sens. 1 H317 May cause an allergic skin reaction.  
 Carc. 2 H351 Suspected of causing cancer.  
 STOT SE 2 H371 May cause damage to the lung. Route of exposure: Inhalation.

### Label elements

- GHS label elements The product is classified and labelled according to the Globally Harmonised System (GHS).
- Hazard pictograms



GHS07 GHS08

- Signal word Warning

- Hazard-determining components of labelling:

3,7-Dimethyl-1,6-octadien-3-ol  
 Bornan-2-on  
 Eucalyptol  
 alpha-Pinene  
 DIPENTENE  
 3,7,7-Trimethylbicyclo[4.1.0]hept-3-ene  
 2,6-Octadien-1-ol-3,7-dimethylacetate  
 Terpinolene  
 4-Methyliden-1-propan-2-ylbicyclo[3.1.0]hexan  
 3,7-Dimethylocta-2,6-dien-1-ole

- Hazard statements

H227 Combustible liquid.  
 H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H317 May cause an allergic skin reaction.  
 H351 Suspected of causing cancer.  
 H371 May cause damage to the lung. Route of exposure: Inhalation.

- Precautionary statements

P210 Keep away from flames and hot surfaces. – No smoking.  
 P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.

(Contd. on page 2)

US

(Contd. of page 1)

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

Continue rinsing.

P405

Store locked up.

P501

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

◊ **Other hazards**

◊ Results of PBT and vPvB assessment

◊ PBT: Not applicable.

◊ vPvB: Not applicable.

### 3. Composition/information on ingredients

◊ **Chemical characterisation: Mixtures**

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

◊ Dangerous components:

78-70-6 3,7-Dimethyl-1,6-octadien-3-ol	>50-100%
115-95-7 3,7-Dimethyl-1,6-octadien-3-yl acetate	>10-20%
76-22-2 Bornan-2-on	>5-<10%
470-82-6 Eucalyptol	>5-10%
7785-26-4 alpha-Pinene	1-2.5%
562-74-3 p-Menth-1-en-4-ol	1-2.5%
138-86-3 DIPENTENE	1-2.5%
123-35-3 Myrcene	≥0.1-<1%
13466-78-9 3,7,7-Trimethylbicyclo[4.1.0]hept-3-ene	≥0.1-<1%
105-87-3 2,6-Octadien-1-ol-3,7-dimethylacetate	≥0.1-<1%
586-62-9 Terpinolene	≥0.1-<1%
3387-41-5 4-Methyliden-1-propan-2-ylbicyclo[3.1.0]hexan	≥0.1-<1%
106-24-1 3,7-Dimethylocta-2,6-dien-1-ole	≥0.1-<1%

### 4. First aid measures

◊ **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.

◊ Information for doctor:

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

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

### 5. Firefighting measures

◊ **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

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

(Contd. on page 3)

(Contd. of page 2)

- ◊ **Advice for firefighters**
- ◊ *Protective equipment: Mouth respiratory protective device.*

## 6. Accidental release measures

- ◊ **Personal precautions, protective equipment and emergency procedures**  
*Mount respiratory protective device.*  
*Wear protective equipment. Keep unprotected persons away.*
- ◊ **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.*
- ◊ **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.*
- ◊ **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.*

## 7. Handling and storage

- ◊ **Handling:**
- ◊ *Precautions for safe handling*  
*Open and handle receptacle with care.*  
*Prevent formation of aerosols.*
- ◊ *Information about fire - and explosion protection:*  
*Keep ignition sources away - Do not smoke.*  
*Protect from heat.*  
*Keep respiratory protective device available.*
- ◊ **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: 10*
- ◊ **Specific end use(s)** *No further relevant information available.*

## 8. Exposure controls/personal protection

- ◊ **Additional information about design of technical facilities:** *No further data; see item 7.*
  - ◊ **Control parameters**
  - ◊ *Ingredients with limit values that require monitoring at the workplace:*  
*The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.*  
*At this time, the other constituents have no known exposure limits.*
- 76-22-2 Bornan-2-on**
- PEL Long-term value: 2 mg/m<sup>3</sup>
- REL Long-term value: 2 mg/m<sup>3</sup>
- TLV Short-term value: 19 mg/m<sup>3</sup>, 3 ppm  
Long-term value: 12 mg/m<sup>3</sup>, 2 ppm

(Contd. on page 4)

(Contd. of page 3)

**138-86-3 DIPENTENE**

WEEL Long-term value: 30 ppm

**13466-78-9 3,7,7-Trimethylbicyclo[4.1.0]hept-3-ene**TLV Long-term value: 112 mg/m<sup>3</sup>, 20 ppm

DSEN

◊ *Additional information: The lists valid during the making were used as basis.*◊ **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.**Store protective clothing separately.**Avoid contact with the eyes and skin.*◊ *Respiratory protection: Not required.*◊ *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***9. Physical and chemical properties**◊ **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: 66 °C (150.8 °F)*◊ *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 (68 °F): 0.883 g/cm<sup>3</sup> (7.36864 lbs/gal)*◊ *Relative density: Not determined.*◊ *Vapour density: Not determined.*◊ *Evaporation rate: Not determined.*◊ *Solubility in / Miscibility with water:**Not miscible or difficult to mix.*

(Contd. on page 5)

(Contd. of page 4)

- ◊ *Partition coefficient: n-octanol/water: Not determined.*
- ◊ **Other information** *No further relevant information available.*

## 10. Stability and reactivity

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

## 11. Toxicological information

- ◊ **Information on toxicological effects**
- ◊ **Acute toxicity**
- ◊ **LD/LC50 values relevant for classification:**
- ATE (Acute Toxicity Estimates)**
- Oral LD50 3,318 mg/kg
- Inhalative LC50 140 mg/l
- ◊ **Primary irritant effect:**
- ◊ **Skin corrosion/irritation** *Irritant to skin and mucous membranes.*
- ◊ **Serious eye damage/irritation** *Irritating effect.*
- ◊ **Respiratory or skin sensitisation** *Sensitisation possible through skin contact.*
- ◊ **Additional toxicological information:**
- The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:*
- The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.*
- Corrosive
- Irritant
- In addition to local irritant manifestations, there is a narcotic effect when inhaling high concentrations, with high danger of central respiratory arrest.*
- In addition to local irritant manifestations, there is a narcotic effect when inhaling high concentrations, with the danger of central respiratory arrest.*
- Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.*
- ◊ **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- Carc. 2

## 12. Ecological information

- ◊ **Toxicity**
- ◊ **Aquatic toxicity:** *No further relevant information available.*
- ◊ **Persistence and degradability** *No further relevant information available.*
- ◊ **Behaviour in environmental systems:**
- ◊ **Bioaccumulative potential** *No further relevant information available.*
- ◊ **Mobility in soil** *No further relevant information available.*
- ◊ **Ecotoxicological effects:**
- ◊ **Remark:** *Harmless to fish up to the tested concentration*
- ◊ **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.*

(Contd. on page 6)

# Safety data sheet

according to 1907/2006/EC, Article 31

Version 60

Page 6/8

www.youwish.nl

Printing date 09/17/2020

Revision: 09/17/2020

(Contd. of page 5)

Danger to drinking water if even small quantities leak into the ground.

◇ **Results of PBT and vPvB assessment**

◇ PBT: Not applicable.

◇ vPvB: Not applicable.

◇ **Other adverse effects** No further relevant information available.

## 13. Disposal considerations

◇ **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.

## 14. Transport information

◇ **UN-Number**

◇ ADR, IMDG, IATA

UN3082

◇ **UN proper shipping name**

◇ ADR

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(alpha-PINENE, DIPENTENE)

◇ IMDG

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(alpha-PINENE, DIPENTENE), MARINE POLLUTANT

◇ IATA

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(containing alpha-PINENE, DIPENTENE)

◇ **Transport hazard class(es)**

◇ ADR

◇ Class

9 (M6) Miscellaneous dangerous substances and articles.

◇ Label

9

◇ IMDG, IATA

◇ Class

9 Miscellaneous dangerous substances and articles.

◇ Label

9

◇ **Packing group**

◇ ADR, IMDG, IATA

III

◇ **Environmental hazards:**

Product contains environmentally hazardous substances:  
Balsamterpentinöl

◇ Marine pollutant:

No

Yes (DOT)

Symbol (fish and tree)

Symbol (fish and tree)

Symbol (fish and tree)

◇ Special marking (ADR):

Warning: Miscellaneous dangerous substances and articles.

◇ Special marking (IATA):

90

◇ **Special precautions for user**

◇ Hazard identification number (Kemler code):

F-A,S-F

◇ EMS Number:

A

◇ Stowage Category

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

Not applicable.

◇ **Transport/Additional information:**

◇ ADR

5L

◇ Limited quantities (LQ)

Code: E1

◇ Excepted quantities (EQ)

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

◇ Transport category

3

(Contd. on page 7)

US

# Safety data sheet

according to 1907/2006/EC, Article 31

Version 60

Page 7/8

www.youwish.nl

Printing date 09/17/2020

Revision: 09/17/2020

(Contd. of page 6)

◊ Tunnel restriction code

-

◊ 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 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE,  
LIQUID, N.O.S. (ALPHA-PINENE, DIPENTENE), 9, III

◊ UN "Model Regulation":

## 15. Regulatory information

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

◊ GHS label elements The product is classified and labelled according to the Globally Harmonised System (GHS).

◊ Hazard pictograms



GHS07 GHS08

◊ Signal word Warning

◊ Hazard-determining components of labelling:

3,7-Dimethyl-1,6-octadien-3-ol

Bornan-2-on

Eucalyptol

alpha-Pinene

DIPENTENE

3,7,7-Trimethylbicyclo[4.1.0]hept-3-ene

2,6-Octadien-1-ol-3,7-dimethylacetate

Terpinolene

4-Methyliden-1-propan-2-ylbicyclo[3.1.0]hexan

3,7-Dimethylocta-2,6-dien-1-ole

◊ Hazard statements

H227 Combustible liquid.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H351 Suspected of causing cancer.

H371 May cause damage to the lung. Route of exposure: Inhalation.

◊ Precautionary statements

P210 Keep away from flames and hot surfaces. – No smoking.

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

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

Continue rinsing.

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

◊ **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

US

(Contd. on page 8)

**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.

◇ **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 européen sur le transport 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*

*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)*

*LC50: Lethal concentration, 50 percent*

*LD50: Lethal dose, 50 percent*

*PBT: Persistent, Bioaccumulative and Toxic*

*vPvB: very Persistent and very Bioaccumulative*

*TLV: Threshold Limit Value*

*PEL: Permissible Exposure Limit*

*REL: Recommended Exposure Limit*

*Flam. Liq. 4: Flammable liquids – Category 4*

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

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

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

*Carc. 2: Carcinogenicity – Category 2*

*STOT SE 2: Specific target organ toxicity (single exposure) – Category 2*