

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No 2020/878

Item number/ Trade name  
Version/ Issue date:

**30110 Frangipani and Lime**  
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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### Product identifier

Item number/ Trade name  
UFI

fragrance composition  
30110 Frangipani and Lime  
APK2-41A3-U00W-PJ38

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

General use                      Perfuming agent for finished consumer products.

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

Company/undertaking identification

Name	Perfumedom
Street/POB-No.: 1	Æth.Antistaseos 52
City	Thessaloniki 56123
Country	Greece
Telefax #	+30 2311 110366
E-mail	sales@perfumedom.com

### Emergency telephone number

Name	(Mo-Fr)
Phone #	+30 2311 110366

## SECTION 2: Hazards identification

### Classification of the substance or mixture

#### **Classification according to EC regulation 1272/2008 (CLP)**

Aquatic Acute 1; H400 Very toxic to aquatic life.  
Aquatic Chronic 2; H411 Toxic to aquatic life with long lasting effects.  
Eye Irrit. 2; H319 Causes serious eye irritation.  
Skin Irrit. 2; H315 Causes skin irritation.  
Skin Sens. 1; H317 May cause an allergic skin reaction.

### Label elements



**Signal word**



**Warning**

**Nature of Hazard**

GHS07 Exclamation mark  
GHS09 Environment

**Hazard statements**

H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H317 May cause an allergic skin reaction.  
H400 Very toxic to aquatic life.

**Safety precautions**

H411 Toxic to aquatic life with long lasting effects.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

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P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P273 Avoid release to the environment.  
P391 Collect spillage.

## Hazard components for labelling

(2E)-2-(phenylmethylidene)octanal  
3,7-Dimethyl-1,6-nonadien-3-ol  
Benzyl cinnamate  
3-p-Cumenyl-2-methylpropionaldehyde  
Citronellol  
Hydroxycitronellal  
Benzyl salicylate  
a-Methyl-1,3-benzodioxole-5-propionaldehyde  
2-Benzylideneheptanal  
Pin-2(10)-ene  
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one  
(R)-p-Mentha-1,8-diene  
Hexyl salicylate  
cis-Hex-3-en-1-yl methyl carbonate  
2,4-Dimethylcyclohex-3-ene-1-carbaldehy

## Special provisions concerning the labelling of certain mixtures

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## Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulating and toxic (PBT) or very persistent and very bioaccumulating (vPvB) at levels of 0.1% or higher. The substance/mixture does not contain any ingredients with endocrine disrupting properties that are listed under REACH Article 57(f) (or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605) at levels of 0.1% or more.

## SECTION 3: Composition/information on ingredients

### Hazardous ingredients

(R)-p-Mentha-1,8-diene: 0,1 % - 0,99 %

CAS-Number: 5989-27-5

EU index number: 601-096-00-2

EINECS / ELINCS / NLP: 227-813-5

REACH registration No.: 01-2119529223-47

Classification according to EC regulation 1272/2008 (CLP):

Aquatic Acute 1 (M = 1); H400 / Aquatic Chronic 3; H412 / Asp. Tox. 1; H304 / Flam. Liq. 3; H226 / Skin

Irrit. 2; H315 / Skin Sens. 1B; H317

Hydroxycitronellal: 0,1 % - 0,99 %

CAS-Number: 107-75-5

EINECS / ELINCS / NLP: 203-518-7

REACH registration No.: 01-2119973482-31

Classification according to EC regulation 1272/2008

(CLP): Eye Irrit. 2; H319 / Skin Sens. 1B; H317

Citronellol: 0,1 % - 0,99 %

CAS-Number: 106-22-9

EINECS / ELINCS / NLP: 203-375-0

REACH registration No.: 01-2119453995-23-XXXX

Classification according to EC regulation 1272/2008

(CLP):

Eye Irrit. 2; H319 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

Eugenol: 0,1 % - 0,99 %

CAS-Number: 97-53-0

EINECS / ELINCS / NLP: 202-589-1

REACH registration No.: 01-2119971802-33

Classification according to EC regulation 1272/2008

(CLP): Eye Irrit. 2; H319 / Skin Sens. 1B; H317

Pin-2(10)-ene: 0,1 % - 0,99 %

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CAS-Number: 127-91-3  
EINECS / ELINCS / NLP: 204-872-5  
REACH registration No.: 01-2119519230-54  
Classification according to EC regulation 1272/2008 (CLP):  
Aquatic Acute 1 (M = 1); H400 / Aquatic Chronic 1; H410 / Asp. Tox. 1; H304 / Flam. Liq. 3; H226 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

3,7,11-Trimethyldodeca-1,6,10-trien-3-ol,mixed isomers: 0,1 % - 0,99 %

CAS-Number: 7212-44-4  
EINECS / ELINCS / NLP: 230-597-5  
REACH registration No.: 01-2119457636-29  
Classification according to EC regulation 1272/2008 (CLP):  
Aquatic Acute 1 (M = 1); H400 / Aquatic Chronic 1 (M = 1); H410 / Eye Irrit. 2; H319 / Skin Sens. 1B; H317

Benzyl cinnamate: 0,1 % - 0,99 %  
CAS-Number: 103-41-3  
EU index number: 607-133-00-9  
EINECS / ELINCS / NLP: 203-109-3  
REACH registration No.: 01-2120762246-53  
Classification according to EC regulation 1272/2008 (CLP):  
Aquatic Acute 1 (M = 1); H400 / Aquatic Chronic 2; H411 / Skin Sens. 1; H317

cis-3-Hexenyl benzoate: 0,1 % - 0,99 %  
CAS-Number: 25152-85-6  
EINECS / ELINCS / NLP: 246-669-4  
REACH registration No.: 01-2120525150-73  
Classification according to EC regulation 1272/2008  
(CLP):Aquatic Chronic 2; H411 / Skin Sens. 1; H317

2,4-Dimethylcyclohex-3-ene-1-carbaldehyde: 0,1 % - 0,99 %  
CAS-Number: 68039-49-6  
EINECS / ELINCS / NLP: 268-264-1  
Classification according to EC regulation 1272/2008 (CLP):  
Aquatic Chronic 2; H411 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

cis-Hex-3-en-1-yl methyl carbonate: 0,1 % - 0,99 %  
CAS-Number: 67633-96-9  
EINECS / ELINCS / NLP: 266-797-4  
REACH registration No.: 01-2120735800-60  
Classification according to EC regulation 1272/2008  
(CLP):Skin Sens. 1B; H317

Benzyl benzoate: 25 % - 49,99 %  
CAS-Number: 120-51-4  
EU index number: 607-085-00-9  
EINECS / ELINCS / NLP: 204-402-9  
REACH registration No.: 01-2119976371-33-XXXX  
Classification according to EC regulation 1272/2008  
(CLP):  
Acute Tox. 4; H302 / Aquatic Acute 1; H400 / Aquatic Chronic 2; H411

(2E)-2-(phenylmethylidene)octanal: 10 % - 24,99 %  
CAS-Number: 165184-98-5  
EINECS / ELINCS / NLP: 639-566-

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REACH registration No.: 01-2119533092-50  
Classification according to EC regulation 1272/2008 (CLP):

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Aquatic Acute 1 (M = 1); H400 / Aquatic Chronic 2; H411 / Skin Sens. 1; H317

Linalool: 3 % - 9,99 %

CAS-Number: 78-70-6

EU index number: 603-235-00-2

EINECS / ELINCS / NLP: 201-134-4

REACH registration No.: 01-2119474016-42

Classification according to EC regulation 1272/2008 (CLP):

Eye Irrit. 2; H319 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

Pentyl salicylate: 3 % - 9,99 %

CAS-Number: 2050-08-0

EINECS / ELINCS / NLP: 218-080-2

REACH registration No.: 01-2119969444-27

Classification according to EC regulation 1272/2008 (CLP):

Acute Tox. 4; H302 / Aquatic Acute 1 (M = 1); H400 / Aquatic Chronic 1 (M = 1); H410

Benzyl salicylate: 3 % - 9,99 %

CAS-Number: 118-58-1

EU index number: 607-754-00-5

EINECS / ELINCS / NLP: 204-262-9

REACH registration No.: 01-2119969442-31

Classification according to EC regulation 1272/2008 (CLP):

Aquatic Chronic 3; H412 / Eye Irrit. 2; H319 / Skin Sens. 1B; H317

Terpineol: 1 % - 2,49 %

CAS-Number: 8000-41-7

EINECS / ELINCS / NLP: 232-268-1

REACH registration No.: 01-2119553062-49

Classification according to EC regulation 1272/2008 (CLP):

Eye Irrit. 2; H319 / Skin Irrit. 2; H315

1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one: 1 % - 2,49 %

CAS-Number: 54464-57-2

EINECS / ELINCS / NLP: 259-174-3

REACH registration No.: 01-2119489989-04

Classification according to EC regulation 1272/2008 (CLP):

Aquatic Chronic 2 (M = 1); H411 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

2-Benzylideneheptanal: 1 % - 2,49 %

CAS-Number: 122-40-7

EINECS / ELINCS / NLP: 204-541-5

Classification according to EC regulation 1272/2008

(CLP): Aquatic Chronic 2; H411 / Skin Sens. 1B; H317

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a-Methyl-1,3-benzodioxole-5-propionaldehyde: 1 % - 2,49 %  
CAS-Number: 1205-17-0  
EINECS / ELINCS / NLP: 214-881-6  
REACH registration No.: 01-2120740119-58  
Classification according to EC regulation 1272/2008 (CLP):  
Aquatic Chronic 2; H411 / Repr. 2; H361 / Skin Sens. 1B; H317

3,7-Dimethyl-1,6-nonadien-3-ol: 1 % - 2,49 %  
CAS-Number: 10339-55-6  
EINECS / ELINCS / NLP: 233-732-6  
REACH registration No.: 01-2119969272-32-xxxx  
Classification according to EC regulation 1272/2008 (CLP):  
Eye Irrit. 2; H319 / Skin Sens. 1B; H317

Hexyl salicylate: 1 % - 2,49 %  
CAS-Number: 6259-76-3  
EINECS / ELINCS / NLP: 228-408-6  
REACH registration No.: 01-2119638275-36  
Classification according to EC regulation 1272/2008 (CLP):  
Aquatic Acute 1 (M = 1); H400 / Aquatic Chronic 1 (M = 1); H410 / Skin Sens. 1B; H317

Methylionone: 1 % - 2,49 %  
CAS-Number: 1335-46-2  
EINECS / ELINCS / NLP: 215-635-0  
Classification according to EC regulation 1272/2008 (CLP):  
Aquatic Chronic 2; H411 / Eye Irrit. 2; H319 / Skin Irrit. 2; H315

3-p-Cumenyl-2-methylpropionaldehyde: 1 % - 2,49 %  
CAS-Number: 103-95-7  
EINECS / ELINCS / NLP: 203-161-7  
REACH registration No.: 01-2119970582-32  
Classification according to EC regulation 1272/2008 (CLP):  
Aquatic Chronic 3; H412 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

2-methyl-4-phenylbutan-2-ol: 1 % - 2,49 %  
CAS-Number: 103-05-9

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EINECS / ELINCS / NLP: 203-074-4  
REACH registration No.: 01-2120758978-28  
Classification according to EC regulation 1272/2008 (CLP):  
Skin Irrit. 2; H315  
  
Isoeugenol: 0,1 % - 0,99 %  
CAS-Number: 97-54-1  
EU index number: 604-094-00-X  
EINECS / ELINCS / NLP: 202-590-7  
REACH registration No.: 01-2120223682-61  
Classification according to EC regulation 1272/2008 (CLP):  
Acute Tox. 4; H302 / Acute Tox. 4; H312 / Acute Tox. 4; H332 / Eye Irrit. 2; H319 / STOT SE 3; H335 / Skin Irrit. 2; H315 / Skin Sens. 1A; H317

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## SECTION 4: First aid measures

### Description of first aid measures

General information	Remove affected person from the danger area and lay down. Do not leave affected person unattended. Show this safety data sheet to the doctor in attendance.
In case of inhalation	If unconscious but breathing normally, place in recovery position and seek medical advice. Seek medical aid in case of troubles.
In case of skin contact	Thoroughly clean the contaminated area with water.
After eye contact	Remove contact lenses, if any. Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently seek the immediate attention of an ophthalmologist.
After swallowing	Keep airway open. Never give anything by mouth to an unconscious person. Seek medical treatment in case of troubles.

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

Symptoms	No data available
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### Indication of any immediate medical attention and special treatment needed

Information to physician	No data available
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## SECTION 5: Firefighting measures

### Extinguishing media

Suitable extinguishing media	dry extinguishing powder, Alcohol resistant foam , Carbon dioxide (CO2) , water mist
Extinguishing media which must not be used for safety reasons	Full water jet

### Special hazards arising from the substance or mixture

Possible combustion products	May form dangerous gases and vapours in case of fire.
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### Advice for firefighters

Special protective equipment for firefighters	
Additional information	Do not allow water used to extinguish fire to enter drains, ground or waterways. +25°C.

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## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

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### environmental precautions

Do not allow to penetrate into soil, waterbodies or drains. Leads to irritation of the mucous membranes.

### Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents) and place in closed containers for disposal.

### Reference to other sections

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## SECTION 7: Handling and storage

### Precautions for safe handling

Advices on safe handling

Avoid exposure - obtain special instructions before use. Do not breathe vapours. Avoid contact with skin, eyes, and clothing. When using do not eat, drink, smoke, sniff. Ensure all waste water is collected and treated via a waste water treatment plant. Personal protection equipment: see section 8

### Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers

Keep container tightly closed in a cool, well-ventilated place. Protect from light. Do not store together with food.

Storage class

10

### Specific end use(s)

General use

Perfumes, fragrances, Formulation of fragranced products

## SECTION 8: Exposure controls/personal protection

### Control parameters

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### Exposure controls

Respiratory protection

Avoid exceeding WEL threshold levels. Respiratory protection must be worn whenever the WEL levels have been exceeded. Filter Typ ABEK gemäß EN 14387 benutzen. Provide good ventilation and/or an exhaust system in the work area.

Hand protection

breakthrough time Short-term, accidental skin contact: Breakthrough time 10 min  
In case of prolonged or frequently repeated skin contact: If direct skin contact with the chemical is expected during work, then gloves conforming to EN 16523-1/ASTM F739 (or equivalent local standard) with a breakthrough time at least equal to the contact time must be worn. Breakthrough time: Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection

Use safety glasses conforming to EN 166/ANSI Z87.1 or equivalent local standards.

Body protection

EN 143. When handling larger quantities: face protection, rubber boots and rubber apron.

General protection and hygiene measures

Wash hands before breaks and immediately after using the product. Wash contaminated clothing prior to re-use.

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SECTION 9: Physical and chemical properties

information on basic physical and chemical properties

Form

liquid

Colour

yellowish

Odour

characteristic

Important health, safety and environmental information

	min	max		
Melting point/freezing point	---	---		
Initial boiling point and boiling range	---	---		
Flammability			---	
Explosion limits	---	---		
Flash point/flash point range	106 °C c.c.	---		
Ignition temperature	---	---		
PH	---	---	---	---
Viscosity	---	---	---	---
	---	---	---	---
Solubility	---		---	---
Partition coefficient: n-octanol/water	---			---
Vapour pressure	---	---	---	---
Density and/or relative density	1,015 g/ml	---	20 °C	---
Relative vapour density	---	---		---
Bulk density	---	---	---	
Flow time 4mm (DIN)	---			
Water solubility	---			

Other information

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SECTION 10: Stability and reactivity

Reactivity

No data available

Chemical stability

No data available

Possibility of hazardous reactions

Electrical installations must be suitable for temperature class T2.

Conditions to avoid

No data available

Incompatible materials

No data available

Hazardous decomposition products

No data available

SECTION 11: Toxicological information

Information on toxicological effects

General remarks

No data available

Toxicological tests: components

(R)-p-Mentha-1,8-diene

oral	LD50	5600.0	mg/kg	-
dermal	LD50	5000.0	mg/kg	-



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## Toxicological tests: components

### Hydroxycitronellal

oral	LD50	5888.0	mg/kg	-
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## Toxicological tests: components

### Citronellol

oral	LD50	3450.0	mg/kg	-
------	------	--------	-------	---

dermal	LD50	2650.0	mg/kg	-
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## Toxicological tests: components

### Eugenol

oral	LD50	2130.0	mg/kg	-
------	------	--------	-------	---

## Toxicological tests: components

### 3,7,11-Trimethyldodeca-1,6,10-trien-3-ol,mixed isomers

oral	LD50	5000.0	mg/kg	-
------	------	--------	-------	---

dermal	LD50	5000.0	mg/kg	-
--------	------	--------	-------	---

## Toxicological tests: components

### Benzyl cinnamate

oral	LD50	3790.0	mg/kg	-
------	------	--------	-------	---

## Toxicological tests: components

### cis-3-Hexenyl benzoate

dermal	LD50	5000.0	mg/kg	LD50
--------	------	--------	-------	------

## Toxicological tests: components

### 2,4-Dimethylcyclohex-3-ene-1-carbaldehyde

oral	LD50	3100.0	mg/kg	-
------	------	--------	-------	---

dermal	LD50	5000.0	mg/kg	-
--------	------	--------	-------	---

## Toxicological tests: components

### Benzyl benzoate

oral	LD50	2000.0	mg/kg	-
------	------	--------	-------	---

dermal	LD50	4000.0	mg/kg	-
--------	------	--------	-------	---

## Toxicological tests: components

### (2E)-2-(phenylmethylidene)octanal

oral	LD50	3100.0	mg/kg	-
------	------	--------	-------	---

## Toxicological tests: components

### Linalool

oral	LD50	2790.0	mg/kg	-
------	------	--------	-------	---

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**Toxicological tests: components**

**Pentyl salicylate**

oral	LD50	2000.0	mg/kg	-
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**Toxicological tests: components**

**Benzyl salicylate**

oral	LD50	2227.0	mg/kg	-
------	------	--------	-------	---

dermal	LD50	14150.0	mg/kg	-
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**Toxicological tests: components**

**Terpineol**

oral	LD50	4000.0	mg/kg	-
------	------	--------	-------	---

**Toxicological tests: components**

**1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one**

oral	LD50	5000.0	mg/kg	-
------	------	--------	-------	---

dermal	LD50	5000.0	mg/kg	-
--------	------	--------	-------	---

**Toxicological tests: components**

**2-Benzylideneheptanal**

oral	LD50	3730.0	mg/kg	-
------	------	--------	-------	---

**Toxicological tests: components**

**a-Methyl-1,3-benzodioxole-5-propionaldehyde**

oral	LD50	3561.0	mg/kg	-
------	------	--------	-------	---

**Toxicological tests: components**

**3,7-Dimethyl-1,6-nonadien-3-ol**

oral	LD50	5000.0	mg/kg	-
------	------	--------	-------	---

dermal	LD50	5000.0	mg/kg	-
--------	------	--------	-------	---

**Toxicological tests: components**

**Hexyl salicylate**

oral	LD50	5000.0	mg/kg	-
------	------	--------	-------	---

oral	LD50	5000.0	mg/kg	-
------	------	--------	-------	---

**Toxicological tests: components**

**Isoeugenol**

oral	LD50	1560.0	mg/kg	-
------	------	--------	-------	---

dermal	LD50	1770.0	mg/kg	-
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## Information on other hazards

Endocrine disrupting properties

The substance/mixture does not contain any ingredients with endocrine disrupting properties that are listed under REACH Article 57(f) (or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605) at levels of 0.1% or more.  
No data available

Further details

## SECTION 12: Ecological information

### Toxicity

Aquatic toxicity No data available

### Persistence and degradability

Evaluation text No data available  
Degree of elimination No data available  
Analytical method No data available

### Bioaccumulative potential

No data available

### Mobility in soil

No data available

### Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulating and toxic (PBT) or very persistent and very bioaccumulating (vPvB) at levels of 0.1% or higher.

### Endocrine disrupting properties

The substance/mixture does not contain any ingredients with endocrine disrupting properties that are listed under REACH Article 57(f) (or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605) at levels of 0.1% or more.

### Other adverse effects

An environmental hazard cannot be ruled out in the event of improper handling or disposal. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product

Recommendation Discharge into the environment must be avoided. C15H30O2 Dispose of contents/container in accordance with local/regional/national/international regulation.

#### Package

Recommendation Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

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SECTION 14: Transport information

14.1 UN number

ADR, IATA, IMDG

UN3082

UN proper shipping name

Product designation: ADR/RID  
Proper shipping name: IATA-DGR  
  
Proper shipping name: IMDG

Environmentally hazardous substance, liquid n.o.s.  
Environmentally hazardous substance, liquid, n.o.s. (Benzyl benzoate, pentyl salicylate)  
Environmentally hazardous substance, liquid, n.o.s. (Benzyl benzoate, pentyl salicylate)

Transport hazard class(es)

Class ADR/RID  
Classification code  
ADR/RID

9  
M6

Class IATA-DGR  
Subrisk IATA-DGR

9  
---

Class IMDG  
Subrisk IMDG

9  
---

Packing group

ADR, IATA, IMDG

III

Environmental hazards

Marine Pollutant - IMDG  
EmS  
Stowage and segregation

MARINE POLLUTANT  
F-A, S-F  
Stowage Category A

Special precautions for user

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Maritime transport in bulk according to IMO instruments

---

Additional information

EQ  
Limited quantities  
Special Provisions

E1  
5L  
ADR: 274, 335, 375, 601  
IMDG: 274, 335, 969  
IATA: A97, A158, A197

Tunnel restriction  
Transport category  
Kemmler-number

(-)  
3  
90

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# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No 2020/878

Item number/ Trade name  
Version/ Issue date:

30110 Frangipani and Lime  
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SECTION 15: Regulatory information

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

**regulations**

**Europe**

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**Germany**

Storage class	10
Water Hazard Class	2
Incident regulation	E1 Hazardous to the Aquatic Environment in Category Acute 1 or Chronic
1Information on working limitations	Observe employment restrictions for young people.

**Chemical Safety Assessment**

Chemical Safety Assessment	---
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# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No 2020/878

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## SECTION 16: Other information

### Hazard statements (CLP)

H226 Flammable liquid and vapour.  
H302 Harmful if swallowed.  
H304 May be fatal if swallowed and enters airways.  
H312 Harmful in contact with skin.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H361 Suspected of damaging fertility or the unborn child.  
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.  
H400 Very toxic to aquatic life.

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Reason of change

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### Abbreviations

--- no data, not determined or not applicable

REACH Registration, Evaluation, Authorisation and Restriction of Chemicals (Regulation (EC) No. 1907/2006)

OECD Organisation for Economic Co-operation and Development

LD50 Median lethal dose

LC50 Median lethal concentration

EC50 Median effective dose

IC50 Median inhibitory concentration

VCI Verband der chemischen Industrie

CAS Chemical Abstract Service

EINECS European Inventory of Existing Commercial Chemical

Substances ELINCS European List of Notified Chemical Substances

NLP No Longer Polymers

CLP Regulation (EC) No 1272/2008 on Classification, Labelling and

Packaging EG European Union

WGK water hazard class (according to AwSV, Appendix 1 (5.2))

AGW Occupational Exposure Limit

ADR Accord Européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID Règlement concernant le transport international ferroviaire des marchandises dangereuses (Regulation on the international carriage of dangerous goods by rail)

IATA International Air Transport Association

IMDG International Maritime Dangerous Goods

MARPOL International Convention for the Prevention of Pollution From Ships (MARine

POLLution) EmS Emergency Schedules

PBT persistent, bioaccumulative and toxic

vPvB very persistent and very bioaccumulative

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.