

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

## Room Scent Cotton Flower

Version number: GHS 1.0

Date of compilation: 03.03.2025

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

#### 1.1 Product identifier

Trade name **Room Scent Cotton Flower**  
**Raumduft Cotton Flower**

Unique formula identifier (UFI) 5600-T0W7-9002-4MX7

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

Relevant identified uses room scent  
general use

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

Manufacturer:  
PROMIN CS spol. s r.o.  
Libá 101  
351 31 Libá  
Czech Republic  
Telephone: +420 354 509 253  
Website: www.promin.cz

Distributor:  
Hotelbedarf24 GmbH & Co. KG  
Heidestraße 8  
95173 Schönwald  
Germany  
Tel: +49 9287 800 679 0  
E-Mail: info@hotelbedarf24.de

e-mail (competent person) burda@promin.cz (Radek Burda)

#### 1.4 Emergency telephone number

Emergency information service Toxicology Department of the II Medical Clinic Rechts der Isar of the Technical University Munich  
Telephone: 089/1 92 40 (Notruf)  
Telefax: 089/41 40-24 67  
E-Mail: tox@mri.tum.de  
Web: <http://www.toxinfo.med.tum.de/node/380>

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)

Section	Hazard class	Category	Hazard class and category	Hazard statement
2.6	flammable liquid	2	Flam. Liq. 2	H225
3.3	serious eye damage/eye irritation	2	Eye Irrit. 2	H319
3.4S	skin sensitisation	1B	Skin Sens. 1B	H317
4.1C	hazardous to the aquatic environment - chronic hazard	3	Aquatic Chronic 3	H412

For full text of abbreviations: see SECTION 16.

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The most important adverse physicochemical, human health and environmental effects

Spillage and fire water can cause pollution of watercourses. Highly flammable liquid and vapour. Causes serious eye irritation.

### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP)

- Signal word danger

- Pictograms

GHS02, GHS07



- Hazard statements

H225 Highly flammable liquid and vapour.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

- Precautionary statements

P102 Keep out of reach of children.

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

P273 Avoid release to the environment.

P302+P352 IF ON SKIN: Wash with plenty of water.

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

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/container as hazardous waste.

- Hazardous ingredients for labelling

Heptanal, 2-(phenylmethylene)-, (2E)-, 4-tert-butyl-cyclohexyl acetate,  $\alpha$ -hexylcinnamaldehyde, 2-methylundecanal, 3-p-cumenyl-2-methylpropionaldehyde, Citronellol, 7-hydroxycitronellal, Ethyllinalool, (2E)-3-phenylprop-2-en-1-ol, Coumarin, (R)-p-mentha-1,8-diene, Eugenol, Reaction Mass of Cis-4-(isopropyl)cyclohexanemethanol and Trans-4-(isopropyl)cyclohexanemethanol, Tetrahydrolinalool, Geraniol, p-mentha-1,4(8)-diene, 3,4,5,6,6-pentamethylhept-3-en-2-one (and isomers)

### 2.3 Other hazards

There is no additional information.

Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of  $\geq 0,1\%$ .

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Name of substance	Identifier	Wt%	Classification acc. to 1272/2008/EC	Pictograms	Notes
Ethanol	CAS No 64-17-5  EC No 200-578-6	76,8	Flam. Liq. 2 / H225 Eye Irrit. 2 / H319		OEL

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Name of substance	Identifier	Wt%	Classification acc. to 1272/2008/EC	Pictograms	Notes
	REACH Reg. No 01-2119457610-43-xxxx				
2-phenylethanol	CAS No 60-12-8  EC No 200-456-2  REACH Reg. No 01-2119963921-31-XXXX	0,55 – < 1,1	Acute Tox. 4 / H302 Eye Irrit. 2 / H319		
Benzyl acetate	CAS No 140-11-4  EC No 205-399-7	0,55 – < 1,1	Aquatic Chronic 3 / H412		
4-tert-butylcyclohexyl acetate	CAS No 32210-23-4  EC No 250-954-9  REACH Reg. No 01-2119976286-24-xxxx	0,55 – < 1,1	Skin Sens. 1B / H317		
Heptanal, 2-(phenylmethylene)-, (2E)-	CAS No 78605-96-6  EC No 800-696-3  REACH Reg. No 01-2119978288-18-xxxx	0,55 – < 1,1	Skin Sens. 1B / H317 Aquatic Chronic 2 / H411	 	
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-indenyl propionate	CAS No 68912-13-0  EC No 272-805-7  REACH Reg. No 01-2119969447-21-xxxx	0,55 – < 1,1	Aquatic Chronic 2 / H411		
2-methylbutyl 2-hydroxybenzoate; pentyl 2-hydroxybenzoate	EC No 911-280-7  REACH Reg. No 01-2119969444-27-xxxx	0,55 – < 1,1	Acute Tox. 4 / H302 Aquatic Acute 1 / H400 Aquatic Chronic 2 / H411	 	
Diphenyl ether	CAS No 101-84-8  EC No 202-981-2	0,275 – < 0,55	Eye Irrit. 2 / H319 Aquatic Acute 1 / H400 Aquatic Chronic 3 / H412	 	IOELV
2-methylundecanal	CAS No 110-41-8  EC No 203-765-0  REACH Reg. No 01-2119969443-29-xxxx	0,275 – < 0,55	Skin Irrit. 2 / H315 Skin Sens. 1B / H317 Aquatic Acute 1 / H400 Aquatic Chronic 1 / H410	 	











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Name of substance	Identifier	Wt%	Classification acc. to 1272/2008/EC	Pictograms	Notes
3-p-cumenyl-2-methylpropionaldehyde	CAS No 103-95-7  EC No 203-161-7  REACH Reg. No 01-2119970582-32-xxxx	0,275 – < 0,55	Skin Irrit. 2 / H315 Skin Sens. 1B / H317 Aquatic Chronic 3 / H412		
α-hexylcinnamaldehyde	CAS No 101-86-0  EC No 202-983-3	0,275 – < 0,55	Skin Sens. 1B / H317 Aquatic Acute 1 / H400 Aquatic Chronic 2 / H411	 	
Citronellol	CAS No 106-22-9  EC No 203-375-0  REACH Reg. No 01-2119453995-23-xxxx	0,275 – < 0,55	Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 Skin Sens. 1B / H317		
Anisaldehyde	CAS No 123-11-5  EC No 204-602-6  REACH Reg. No 01-2119977101-43-xxxx	0,275 – < 0,55	Repr. 2 / H361fd Aquatic Chronic 3 / H412		
7-hydroxycitronellal	CAS No 107-75-5  EC No 203-518-7	0,11 – < 0,275	Eye Irrit. 2 / H319 Skin Sens. 1B / H317		
Ethyllinalool	CAS No 10339-55-6  EC No 233-732-6  REACH Reg. No 01-2119969272-32-xxxx	0,11 – < 0,275	Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 Skin Sens. 1B / H317		
(2E)-3-phenylprop-2-en-1-ol	CAS No 104-54-1  EC No 203-212-3  REACH Reg. No 01-2119934496-29-xxxx 01-2120774743-45-xxxx	0,11 – < 0,275	Acute Tox. 4 / H302 Skin Sens. 1 / H317 Aquatic Chronic 2 / H411	 	
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyln-deno[5,6-c]pyran	CAS No 1222-05-5  EC No 214-946-9  Index No 603-212-00-7	0,11 – < 0,275	Aquatic Acute 1 / H400 Aquatic Chronic 1 / H410		GHS-HC
















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Name of substance	Identifier	Wt%	Classification acc. to 1272/2008/EC	Pictograms	Notes
	REACH Reg. No 01-2119488227-29-xxxx				
3,4,5,6,6-pentamethylhept-3-en-2-one (and isomers)	CAS No 81786-73-4  EC No 279-822-9	0,011 – < 0,11	Skin Sens. 1B / H317 Aquatic Chronic 2 / H411	 	
(R)-p-mentha-1,8-diene	CAS No 5989-27-5  EC No 227-813-5  Index No 601-029-00-7	0,011 – < 0,11	Flam. Liq. 3 / H226 Skin Irrit. 2 / H315 Skin Sens. 1B / H317 Asp. Tox. 1 / H304 Aquatic Acute 1 / H400 Aquatic Chronic 3 / H412	   	
p-mentha-1,4(8)-diene	CAS No 586-62-9  EC No 209-578-0	0,011 – < 0,11	Skin Sens. 1B / H317 Asp. Tox. 1 / H304 Aquatic Acute 1 / H400 Aquatic Chronic 1 / H410	  	
Coumarin	CAS No 91-64-5  EC No 202-086-7  REACH Reg. No 01-2119949300-45-xxxx	0,011 – < 0,11	Acute Tox. 4 / H302 Skin Sens. 1 / H317 Aquatic Chronic 3 / H412		
Geraniol	CAS No 106-24-1  EC No 203-377-1  Index No 603-241-00-5  REACH Reg. No 01-2119552430-49-xxxx	0,011 – < 0,11	Skin Irrit. 2 / H315 Eye Dam. 1 / H318 Skin Sens. 1 / H317	 	
Tetrahydrolinalool	CAS No 78-69-3  EC No 201-133-9	0,011 – < 0,11	Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 Skin Sens. 1B / H317		
Eugenol	CAS No 97-53-0  EC No 202-589-1  REACH Reg. No 01-2119971802-33-xxxx	0,011 – < 0,11	Acute Tox. 4 / H302 Eye Irrit. 2 / H319 Skin Sens. 1B / H317		
Reaction Mass of Cis-4-(isopropyl)cyclohexanemethanol and Trans-4-(isopropyl)cyclohexanemethanol	CAS No 5502-75-0  EC No 939-719-8  REACH Reg. No 01-2119983532-32-	0,011 – < 0,11	Skin Irrit. 2 / H315 Skin Sens. 1B / H317 Aquatic Chronic 3 / H412		

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Name of substance	Identifier	Wt%	Classification acc. to 1272/2008/EC	Pictograms	Notes
	XXXX				

### Notes

GHS-HC: Harmonised classification (the classification of the substance corresponds to the entry in the list according to 1272/2008/EC, Annex VI)

IOELV: Substance with a community indicative occupational exposure limit value

OEL: substance with the national occupational exposure limit values

Hazardous ingredients: Concentration limit, M-Factor, ATE

Name of substance	Specific Conc. Limits	M-Factors	ATE	Exposure route
Ethanol	Eye Irrit. 2; H319: C ≥ 50 %	-	-	
2-phenylethanol	-	-	1.609 mg/kg	oral
2-methylbutyl 2-hydroxybenzoate; pentyl 2-hydroxybenzoate	-	-	2.000 mg/kg	oral
(2E)-3-phenylprop-2-en-1-ol	-	-	2.000 mg/kg	oral
Coumarin	-	-	680 mg/kg 293 mg/kg	oral dermal
(R)-p-mentha-1,8-diene	-	M-factor (acute) = 1	-	

### Remarks

For full text of abbreviations: see SECTION 16

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

#### Following inhalation

Provide fresh air. If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions.

#### Following skin contact

Wash with plenty of soap and water. Take off immediately all contaminated clothing.

#### Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart. If eye irritation persists: Get medical advice/attention.

#### Following ingestion

Do NOT induce vomiting. Get immediate medical advice/attention.

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

Description of known symptoms following exposure, if relevant - see section 11.

### 4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Extinguishing measures to surroundings.

#### Suitable extinguishing media

foam, fire extinguishing powder, carbon dioxide (CO<sub>2</sub>)

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Unsuitable extinguishing media  
water jet

### 5.2 Special hazards arising from the substance or mixture

In case of insufficient ventilation and/or in use, may form flammable/explosive vapour-air mixture. Solvent vapours are heavier than air and may spread along floors. Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures.

Hazardous combustion products

nitrogen oxides (NO<sub>x</sub>), carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>)

### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance. Fire fighting crew should be adequately trained and equipped with self-contained breathing apparatus and full protective clothing. Cool closed containers exposed to fire with water spray.

## SECTION 6: Accidental release measures

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

Stop the leak if possible and safe to do so (seal, close the liquid isolation valve, put the leaking or damaged container to emergency container). Eliminate all sources of ignition. Ventilate affected area.

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases.

### 6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it. Collect contaminated soil and dispose of it.

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

Advice on how to contain a spill

Covering of drains.

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece), sawdust, kieselgur (diatomite), sand, universal binder.

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal.

### 6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Comply with the current legislation concerning the prevention of industrial risks. Containers which were opened must be carefully closed and kept upright to prevent leakage.

Recommendations

- Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools.

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### - Specific notes/details

Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapours are heavier than air, spread along floors and form explosive mixtures with air. Vapours may form explosive mixtures with air.

### - Handling of incompatible substances or mixtures

Wear suitable personal protection. Do not breathe vapour.

### Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

## 7.2 Conditions for safe storage, including any incompatibilities

Protect against frost, fire and direct sunlight.

### Managing of associated risks

#### - Explosive atmospheres

Keep container tightly closed and in a well-ventilated place. Use local and general ventilation. Keep cool. Protect from sunlight.

#### - Flammability hazards

Keep away from sources of ignition - No smoking. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Protect from sunlight. Ensure easy access to fire fighting measures in the place of use and storage.

#### - Ventilation requirements

Use local and general ventilation. Ground/bond container and receiving equipment.

## 7.3 Specific end use(s)

See section 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### National limit values

Occupational exposure limit values (Workplace Exposure Limits)

Country	Name of substance	CAS No	Identifier	TWA [ppm]	TWA [mg/m³]	STEL [ppm]	STEL [mg/m³]	Source
DE	Diphenyl ether	101-84-8	MAK	1	7,1	1	7,1	DFG
DE	Diphenyl ether	101-84-8	AGW	1	7,1	1	7,1	TRGS 900
DE	(R)-p-mentha-1,8-diene	5989-27-5	AGW	5	28	20	112	TRGS 900
DE	(R)-p-mentha-1,8-diene	5989-27-5	MAK	5	28	20	112	DFG
DE	2-phenylethanol	60-12-8	MAK					DFG
DE	Ethanol	64-17-5	MAK	200	380	800	1.520	DFG
DE	Ethanol	64-17-5	AGW	200	380	800	1.520	TRGS 900
EU	Diphenyl ether	101-84-8	IOELV	1	7	2	14	2017/164/EU

#### Notation

STEL short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)

TWA time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)



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### Relevant DNELs of components of the mixture

Name of substance	CAS No	Endpoint	Threshold level	Protection goal, route of exposure	Used in	Exposure time
Ethanol	64-17-5	DNEL	343 mg/kg bw/day	human, dermal	worker (industry)	not specified
Ethanol	64-17-5	DNEL	206 mg/kg bw/day	human, dermal	consumer (private households)	not specified
Ethanol	64-17-5	DNEL	950 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	not specified
Ethanol	64-17-5	DNEL	1.900 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	not specified
Ethanol	64-17-5	DNEL	114 mg/m <sup>3</sup>	human, inhalatory	consumer (private households)	not specified
Ethanol	64-17-5	DNEL	950 mg/m <sup>3</sup>	human, inhalatory	consumer (private households)	not specified
Ethanol	64-17-5	DNEL	87 mg/kg bw/day	human, oral	consumer (private households)	not specified
Benzyl acetate	140-11-4	DNEL	9 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
Benzyl acetate	140-11-4	DNEL	2,5 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Benzyl acetate	140-11-4	DNEL	2,2 mg/m <sup>3</sup>	human, inhalatory	consumer (private households)	chronic - systemic effects
Benzyl acetate	140-11-4	DNEL	1,3 mg/kg bw/day	human, dermal	consumer (private households)	chronic - systemic effects
Benzyl acetate	140-11-4	DNEL	1,3 mg/kg bw/day	human, oral	consumer (private households)	chronic - systemic effects
2-phenylethanol	60-12-8	DNEL	59,9 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
2-phenylethanol	60-12-8	DNEL	21,2 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
2-phenylethanol	60-12-8	DNEL	17,7 mg/m <sup>3</sup>	human, inhalatory	consumer (private households)	chronic - systemic effects
2-phenylethanol	60-12-8	DNEL	12,7 mg/kg bw/day	human, dermal	consumer (private households)	chronic - systemic effects
2-phenylethanol	60-12-8	DNEL	5,1 mg/kg bw/day	human, oral	consumer (private households)	chronic - systemic effects
2-methylbutyl 2-hydroxybenzoate; pentyl 2-hydroxybenzoate		DNEL	5,97 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
2-methylbutyl 2-hydroxybenzoate; pentyl 2-hydroxybenzoate		DNEL	141,1 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	acute - systemic effects
2-methylbutyl 2-hydroxybenzoate; pentyl 2-hydroxybenzoate		DNEL	1,69 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
2-methylbutyl 2-hydroxybenzoate; pentyl 2-hydroxybenzoate		DNEL	1,05 mg/m <sup>3</sup>	human, inhalatory	consumer (private households)	chronic - systemic effects
2-methylbutyl 2-hydroxybenzoate; pentyl 2-hydroxybenzoate		DNEL	34,78 mg/m <sup>3</sup>	human, inhalatory	consumer (private households)	acute - systemic effects
2-methylbutyl 2-hydroxybenzoate; pentyl 2-hydroxybenzoate		DNEL	0,605 mg/kg bw/day	human, dermal	consumer (private households)	chronic - systemic effects

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Name of substance	CAS No	Endpoint	Threshold level	Protection goal, route of exposure	Used in	Exposure time
2-methylbutyl 2-hydroxybenzoate; pentyl 2-hydroxybenzoate		DNEL	0,605 mg/kg bw/day	human, oral	consumer (private households)	chronic - systemic effects
2-methylbutyl 2-hydroxybenzoate; pentyl 2-hydroxybenzoate		DNEL	20 mg/kg bw/day	human, oral	consumer (private households)	acute - systemic effects
Diphenyl ether	101-84-8	DNEL	59 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
Diphenyl ether	101-84-8	DNEL	7 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - local effects
Diphenyl ether	101-84-8	DNEL	14 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	acute - local effects
Diphenyl ether	101-84-8	DNEL	25 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
2-methylundecanal	110-41-8	DNEL	36,89 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
2-methylundecanal	110-41-8	DNEL	352,6 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	acute - systemic effects
2-methylundecanal	110-41-8	DNEL	92,21 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - local effects
2-methylundecanal	110-41-8	DNEL	881,6 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	acute - local effects
2-methylundecanal	110-41-8	DNEL	10,46 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
2-methylundecanal	110-41-8	DNEL	100 mg/kg bw/day	human, dermal	worker (industry)	acute - systemic effects
2-methylundecanal	110-41-8	DNEL	9,1 mg/m <sup>3</sup>	human, inhalatory	consumer (private households)	chronic - systemic effects
2-methylundecanal	110-41-8	DNEL	86,96 mg/m <sup>3</sup>	human, inhalatory	consumer (private households)	acute - systemic effects
2-methylundecanal	110-41-8	DNEL	22,74 mg/m <sup>3</sup>	human, inhalatory	consumer (private households)	chronic - local effects
2-methylundecanal	110-41-8	DNEL	217,4 mg/m <sup>3</sup>	human, inhalatory	consumer (private households)	acute - local effects
2-methylundecanal	110-41-8	DNEL	5,23 mg/kg bw/day	human, dermal	consumer (private households)	chronic - systemic effects
2-methylundecanal	110-41-8	DNEL	50 mg/kg bw/day	human, dermal	consumer (private households)	acute - systemic effects
2-methylundecanal	110-41-8	DNEL	5,23 mg/kg bw/day	human, oral	consumer (private households)	chronic - systemic effects
2-methylundecanal	110-41-8	DNEL	25 mg/kg bw/day	human, oral	consumer (private households)	acute - systemic effects
Anisaldehyde	123-11-5	DNEL	5,88 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
Anisaldehyde	123-11-5	DNEL	3,33 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Anisaldehyde	123-11-5	DNEL	1,74 mg/m <sup>3</sup>	human, inhalatory	consumer (private households)	chronic - systemic effects
Anisaldehyde	123-11-5	DNEL	2 mg/kg bw/day	human, dermal	consumer (private households)	chronic - systemic effects
Anisaldehyde	123-11-5	DNEL	1 mg/kg bw/day	human, oral	consumer (private households)	chronic - systemic effects
3-p-cumenyl-2-methylpropionaldehyde	103-95-7	DNEL	1,23 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

## Room Scent Cotton Flower

Version number: GHS 1.0

Date of compilation: 03.03.2025

Name of substance	CAS No	Endpoint	Threshold level	Protection goal, route of exposure	Used in	Exposure time
3-p-cumenyl-2-methyl-propionaldehyde	103-95-7	DNEL	0,35 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
3-p-cumenyl-2-methyl-propionaldehyde	103-95-7	DNEL	0,22 mg/m <sup>3</sup>	human, inhalatory	consumer (private households)	chronic - systemic effects
3-p-cumenyl-2-methyl-propionaldehyde	103-95-7	DNEL	0,13 mg/kg bw/day	human, dermal	consumer (private households)	chronic - systemic effects
3-p-cumenyl-2-methyl-propionaldehyde	103-95-7	DNEL	0,13 mg/kg bw/day	human, oral	consumer (private households)	chronic - systemic effects
7-hydroxycitronellal	107-75-5	DNEL	18 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
7-hydroxycitronellal	107-75-5	DNEL	1,9 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
7-hydroxycitronellal	107-75-5	DNEL	500 µg/cm <sup>2</sup>	human, dermal	worker (industry)	acute - local effects
7-hydroxycitronellal	107-75-5	DNEL	5,4 mg/m <sup>3</sup>	human, inhalatory	consumer (private households)	chronic - systemic effects
7-hydroxycitronellal	107-75-5	DNEL	1,1 mg/kg bw/day	human, dermal	consumer (private households)	chronic - systemic effects
7-hydroxycitronellal	107-75-5	DNEL	500 µg/cm <sup>2</sup>	human, dermal	consumer (private households)	acute - local effects
7-hydroxycitronellal	107-75-5	DNEL	0,6 mg/kg bw/day	human, oral	consumer (private households)	chronic - systemic effects
Ethyllinalool	10339-55-6	DNEL	3 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
Ethyllinalool	10339-55-6	DNEL	18 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	acute - systemic effects
Ethyllinalool	10339-55-6	DNEL	2,7 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Ethyllinalool	10339-55-6	DNEL	5,5 mg/kg bw/day	human, dermal	worker (industry)	acute - systemic effects
Ethyllinalool	10339-55-6	DNEL	0,74 mg/m <sup>3</sup>	human, inhalatory	consumer (private households)	chronic - systemic effects
Ethyllinalool	10339-55-6	DNEL	4,4 mg/m <sup>3</sup>	human, inhalatory	consumer (private households)	acute - systemic effects
Ethyllinalool	10339-55-6	DNEL	1,4 mg/kg bw/day	human, dermal	consumer (private households)	chronic - systemic effects
Ethyllinalool	10339-55-6	DNEL	2,7 mg/kg bw/day	human, dermal	consumer (private households)	acute - systemic effects
Ethyllinalool	10339-55-6	DNEL	0,2 mg/kg bw/day	human, oral	consumer (private households)	chronic - systemic effects
Ethyllinalool	10339-55-6	DNEL	1,3 mg/kg bw/day	human, oral	consumer (private households)	acute - systemic effects
(2E)-3-phenylprop-2-en-1-ol	104-54-1	DNEL	2,64 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
(2E)-3-phenylprop-2-en-1-ol	104-54-1	DNEL	0,749 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
(2E)-3-phenylprop-2-en-1-ol	104-54-1	DNEL	0,465 mg/m <sup>3</sup>	human, inhalatory	consumer (private households)	chronic - systemic effects
(2E)-3-phenylprop-2-en-1-ol	104-54-1	DNEL	0,268 mg/kg bw/day	human, dermal	consumer (private households)	chronic - systemic effects
(2E)-3-phenylprop-2-en-1-ol	104-54-1	DNEL	0,268 mg/kg bw/day	human, oral	consumer (private households)	chronic - systemic effects

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1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl-indeno[5,6-c]pyran	1222-05-5	DNEL	13,5 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl-indeno[5,6-c]pyran	1222-05-5	DNEL	36,7 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl-indeno[5,6-c]pyran	1222-05-5	DNEL	4 mg/m <sup>3</sup>	human, inhalatory	consumer (private households)	chronic - systemic effects
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl-indeno[5,6-c]pyran	1222-05-5	DNEL	22 mg/kg bw/day	human, dermal	consumer (private households)	chronic - systemic effects
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl-indeno[5,6-c]pyran	1222-05-5	DNEL	2,3 mg/kg bw/day	human, oral	consumer (private households)	chronic - systemic effects
Eugenol	97-53-0	DNEL	21,2 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
Eugenol	97-53-0	DNEL	6 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Eugenol	97-53-0	DNEL	5,22 mg/m <sup>3</sup>	human, inhalatory	consumer (private households)	chronic - systemic effects
Eugenol	97-53-0	DNEL	3 mg/kg bw/day	human, dermal	consumer (private households)	chronic - systemic effects
Eugenol	97-53-0	DNEL	3 mg/kg bw/day	human, oral	consumer (private households)	chronic - systemic effects
Reaction Mass of Cis-4-(isopropyl)cyclohexanemethanol and Trans-4-(isopropyl)cyclohexanemethanol	5502-75-0	DNEL	6,63 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
Reaction Mass of Cis-4-(isopropyl)cyclohexanemethanol and Trans-4-(isopropyl)cyclohexanemethanol	5502-75-0	DNEL	1,88 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Reaction Mass of Cis-4-(isopropyl)cyclohexanemethanol and Trans-4-(isopropyl)cyclohexanemethanol	5502-75-0	DNEL	1,63 mg/m <sup>3</sup>	human, inhalatory	consumer (private households)	chronic - systemic effects
Reaction Mass of Cis-4-(isopropyl)cyclohexanemethanol and Trans-4-(isopropyl)cyclohexanemethanol	5502-75-0	DNEL	0,94 mg/kg bw/day	human, dermal	consumer (private households)	chronic - systemic effects
Reaction Mass of Cis-4-(isopropyl)cyclohexanemethanol and Trans-4-(isopropyl)cyclohexanemethanol	5502-75-0	DNEL	0,94 mg/kg bw/day	human, oral	consumer (private households)	chronic - systemic effects
Tetrahydrolinalool	78-69-3	DNEL	11,14 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
Tetrahydrolinalool	78-69-3	DNEL	3,16 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Tetrahydrolinalool	78-69-3	DNEL	190 µg/cm <sup>2</sup>	human, dermal	worker (industry)	chronic - local effects
Tetrahydrolinalool	78-69-3	DNEL	2,75 mg/m <sup>3</sup>	human, inhalatory	consumer (private households)	chronic - systemic effects

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Name of substance	CAS No	Endpoint	Threshold level	Protection goal, route of exposure	Used in	Exposure time
Tetrahydrolinalool	78-69-3	DNEL	1,58 mg/kg bw/day	human, dermal	consumer (private households)	chronic - systemic effects
Tetrahydrolinalool	78-69-3	DNEL	190 µg/cm <sup>2</sup>	human, dermal	consumer (private households)	chronic - local effects
Tetrahydrolinalool	78-69-3	DNEL	1,58 mg/kg bw/day	human, oral	consumer (private households)	chronic - systemic effects
Geraniol	106-24-1	DNEL	11,8 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
Geraniol	106-24-1	DNEL	4,2 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Geraniol	106-24-1	DNEL	11.800 µg/cm <sup>2</sup>	human, dermal	worker (industry)	chronic - local effects
Geraniol	106-24-1	DNEL	3,5 mg/m <sup>3</sup>	human, inhalatory	consumer (private households)	chronic - systemic effects
Geraniol	106-24-1	DNEL	2,5 mg/kg bw/day	human, dermal	consumer (private households)	chronic - systemic effects
Geraniol	106-24-1	DNEL	1.180 µg/cm <sup>2</sup>	human, dermal	consumer (private households)	chronic - local effects
Geraniol	106-24-1	DNEL	2 mg/kg bw/day	human, oral	consumer (private households)	chronic - systemic effects

### Relevant PNECs of components of the mixture

Name of substance	CAS No	Endpoint	Threshold level	Organism	Environmental compartment	Exposure time
Ethanol	64-17-5	PNEC	0,96 mg/l	not specified	water	short-term (single instance)
Ethanol	64-17-5	PNEC	0,79 mg/l	not specified	marine water	short-term (single instance)
Ethanol	64-17-5	PNEC	3,6 mg/kg	not specified	freshwater sediment	short-term (single instance)
Ethanol	64-17-5	PNEC	0,63 mg/kg	not specified	soil	short-term (single instance)
Ethanol	64-17-5	PNEC	580 mg/l	not specified	sewage treatment plant (STP)	short-term (single instance)
Benzyl acetate	140-11-4	PNEC	0,018 mg/l	aquatic organisms	freshwater	short-term (single instance)
Benzyl acetate	140-11-4	PNEC	0,002 mg/l	aquatic organisms	marine water	short-term (single instance)
Benzyl acetate	140-11-4	PNEC	8,55 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Benzyl acetate	140-11-4	PNEC	0,526 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Benzyl acetate	140-11-4	PNEC	0,053 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Benzyl acetate	140-11-4	PNEC	0,094 mg/kg	terrestrial organisms	soil	short-term (single instance)
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-indenyl propionate	68912-13-0	PNEC	91 µg/l	aquatic organisms	freshwater	short-term (single instance)
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-in-	68912-13-0	PNEC	9,1 µg/l	aquatic organisms	marine water	short-term (single instance)

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denyl propionate						
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-indenyl propionate	68912-13-0	PNEC	4,8 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-indenyl propionate	68912-13-0	PNEC	12,2 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-indenyl propionate	68912-13-0	PNEC	1,22 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-indenyl propionate	68912-13-0	PNEC	4,4 mg/kg	terrestrial organisms	soil	short-term (single instance)
2-phenylethanol	60-12-8	PNEC	0,215 mg/l	not specified	freshwater	not specified
2-phenylethanol	60-12-8	PNEC	0,0215 mg/l	not specified	marine water	not specified
2-phenylethanol	60-12-8	PNEC	2,15 mg/l	not specified	water	intermittent release
2-phenylethanol	60-12-8	PNEC	10 mg/l	not specified	sewage treatment plant (STP)	not specified
2-phenylethanol	60-12-8	PNEC	1,454 mg/cm³	not specified	freshwater sediment	not specified
2-phenylethanol	60-12-8	PNEC	0,1454 mg/cm³	not specified	marine sediment	not specified
2-phenylethanol	60-12-8	PNEC	0,164 mg/kg	not specified	soil	not specified
2-methylbutyl 2-hydroxybenzoate; pentyl 2-hydroxybenzoate		PNEC	2,44 µg/l	aquatic organisms	freshwater	short-term (single instance)
2-methylbutyl 2-hydroxybenzoate; pentyl 2-hydroxybenzoate		PNEC	0,244 µg/l	aquatic organisms	marine water	short-term (single instance)
2-methylbutyl 2-hydroxybenzoate; pentyl 2-hydroxybenzoate		PNEC	10 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
2-methylbutyl 2-hydroxybenzoate; pentyl 2-hydroxybenzoate		PNEC	1,23 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
2-methylbutyl 2-hydroxybenzoate; pentyl 2-hydroxybenzoate		PNEC	0,123 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
2-methylbutyl 2-hydroxybenzoate; pentyl 2-hydroxybenzoate		PNEC	5,33 mg/kg	terrestrial organisms	soil	short-term (single instance)
Diphenyl ether	101-84-8	PNEC	0 mg/l	aquatic organisms	freshwater	short-term (single instance)
Diphenyl ether	101-84-8	PNEC	0 mg/l	aquatic organisms	marine water	short-term (single instance)
Diphenyl ether	101-84-8	PNEC	10 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Diphenyl ether	101-84-8	PNEC	0,093 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Diphenyl ether	101-84-8	PNEC	0,009 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Diphenyl ether	101-84-8	PNEC	0,018 mg/kg	terrestrial organisms	soil	short-term (single instance)
2-methylundecanal	110-41-8	PNEC	0,66	aquatic organisms	freshwater	short-term (single in-

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			µg/l			stance)
2-methylundecanal	110-41-8	PNEC	10 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
2-methylundecanal	110-41-8	PNEC	0,265 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
2-methylundecanal	110-41-8	PNEC	26,5 µg/kg	aquatic organisms	marine sediment	short-term (single instance)
2-methylundecanal	110-41-8	PNEC	52,6 µg/kg	terrestrial organisms	soil	short-term (single instance)
Anisaldehyde	123-11-5	PNEC	13 µg/l	aquatic organisms	freshwater	short-term (single instance)
Anisaldehyde	123-11-5	PNEC	1,3 µg/l	aquatic organisms	marine water	short-term (single instance)
Anisaldehyde	123-11-5	PNEC	8,5 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Anisaldehyde	123-11-5	PNEC	0,06 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Anisaldehyde	123-11-5	PNEC	0,006 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Anisaldehyde	123-11-5	PNEC	0,004 mg/kg	terrestrial organisms	soil	short-term (single instance)
3-p-cumenyl-2-methyl-propionaldehyde	103-95-7	PNEC	8,8 µg/l	aquatic organisms	freshwater	short-term (single instance)
3-p-cumenyl-2-methyl-propionaldehyde	103-95-7	PNEC	0,88 µg/l	aquatic organisms	marine water	short-term (single instance)
3-p-cumenyl-2-methyl-propionaldehyde	103-95-7	PNEC	1 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
3-p-cumenyl-2-methyl-propionaldehyde	103-95-7	PNEC	1,02 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
3-p-cumenyl-2-methyl-propionaldehyde	103-95-7	PNEC	0,102 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
3-p-cumenyl-2-methyl-propionaldehyde	103-95-7	PNEC	0,199 mg/kg	terrestrial organisms	soil	short-term (single instance)
7-hydroxycitronellal	107-75-5	PNEC	31,6 µg/l	aquatic organisms	freshwater	short-term (single instance)
7-hydroxycitronellal	107-75-5	PNEC	3,16 µg/l	aquatic organisms	marine water	short-term (single instance)
7-hydroxycitronellal	107-75-5	PNEC	10 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
7-hydroxycitronellal	107-75-5	PNEC	0,145 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
7-hydroxycitronellal	107-75-5	PNEC	0,015 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
7-hydroxycitronellal	107-75-5	PNEC	0,011 mg/kg	terrestrial organisms	soil	short-term (single instance)
Ethyllinalool	10339-55-6	PNEC	0,023 mg/l	aquatic organisms	freshwater	short-term (single instance)
Ethyllinalool	10339-55-6	PNEC	0,002 mg/l	aquatic organisms	marine water	short-term (single instance)
Ethyllinalool	10339-55-6	PNEC	10 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)



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Ethyllinalool	10339-55-6	PNEC	0,223 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Ethyllinalool	10339-55-6	PNEC	0,022 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Ethyllinalool	10339-55-6	PNEC	0,031 mg/kg	terrestrial organisms	soil	short-term (single instance)
(2E)-3-phenylprop-2-en-1-ol	104-54-1	PNEC	7,7 µg/l	aquatic organisms	freshwater	short-term (single instance)
(2E)-3-phenylprop-2-en-1-ol	104-54-1	PNEC	0,77 µg/l	aquatic organisms	marine water	short-term (single instance)
(2E)-3-phenylprop-2-en-1-ol	104-54-1	PNEC	16,13 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
(2E)-3-phenylprop-2-en-1-ol	104-54-1	PNEC	0,118 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
(2E)-3-phenylprop-2-en-1-ol	104-54-1	PNEC	11,8 µg/kg	aquatic organisms	marine sediment	short-term (single instance)
(2E)-3-phenylprop-2-en-1-ol	104-54-1	PNEC	19 µg/kg	terrestrial organisms	soil	short-term (single instance)
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl-indeno[5,6-c]pyran	1222-05-5	PNEC	6,8 µg/l	aquatic organisms	freshwater	short-term (single instance)
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl-indeno[5,6-c]pyran	1222-05-5	PNEC	0,44 µg/l	aquatic organisms	marine water	short-term (single instance)
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl-indeno[5,6-c]pyran	1222-05-5	PNEC	1 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl-indeno[5,6-c]pyran	1222-05-5	PNEC	2 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl-indeno[5,6-c]pyran	1222-05-5	PNEC	0,394 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl-indeno[5,6-c]pyran	1222-05-5	PNEC	1,5 mg/kg	terrestrial organisms	soil	short-term (single instance)
Eugenol	97-53-0	PNEC	1,13 µg/l	aquatic organisms	freshwater	short-term (single instance)
Eugenol	97-53-0	PNEC	0,113 µg/l	aquatic organisms	marine water	short-term (single instance)
Eugenol	97-53-0	PNEC	0,081 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Eugenol	97-53-0	PNEC	0,008 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Eugenol	97-53-0	PNEC	0,015 mg/kg	terrestrial organisms	soil	short-term (single instance)
Reaction Mass of Cis-4-(isopropyl)cyclohexanemethanol and Trans-4-(isopropyl)cyclohexanemethanol	5502-75-0	PNEC	35 µg/l	aquatic organisms	freshwater	short-term (single instance)
Reaction Mass of Cis-4-(isopropyl)cyclohexanemethanol and	5502-75-0	PNEC	3,5 µg/l	aquatic organisms	marine water	short-term (single instance)



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Trans-4-(isopropyl)cyclohexanemethanol						
Reaction Mass of Cis-4-(isopropyl)cyclohexanemethanol and Trans-4-(isopropyl)cyclohexanemethanol	5502-75-0	PNEC	1,9 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Reaction Mass of Cis-4-(isopropyl)cyclohexanemethanol and Trans-4-(isopropyl)cyclohexanemethanol	5502-75-0	PNEC	2,118 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Reaction Mass of Cis-4-(isopropyl)cyclohexanemethanol and Trans-4-(isopropyl)cyclohexanemethanol	5502-75-0	PNEC	211,8 µg/kg	aquatic organisms	marine sediment	short-term (single instance)
Reaction Mass of Cis-4-(isopropyl)cyclohexanemethanol and Trans-4-(isopropyl)cyclohexanemethanol	5502-75-0	PNEC	0,403 mg/kg	terrestrial organisms	soil	short-term (single instance)
Tetrahydrolinalool	78-69-3	PNEC	0,009 mg/l	aquatic organisms	freshwater	short-term (single instance)
Tetrahydrolinalool	78-69-3	PNEC	0,001 mg/l	aquatic organisms	marine water	short-term (single instance)
Tetrahydrolinalool	78-69-3	PNEC	450 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Tetrahydrolinalool	78-69-3	PNEC	0,082 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Tetrahydrolinalool	78-69-3	PNEC	0,008 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Tetrahydrolinalool	78-69-3	PNEC	0,011 mg/kg	terrestrial organisms	soil	short-term (single instance)
Tetrahydrolinalool	78-69-3	PNEC	0,089 mg/l	aquatic organisms	freshwater	intermittent release
Geraniol	106-24-1	PNEC	0,011 mg/l	aquatic organisms	freshwater	short-term (single instance)
Geraniol	106-24-1	PNEC	0,001 mg/l	aquatic organisms	marine water	short-term (single instance)
Geraniol	106-24-1	PNEC	0,7 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Geraniol	106-24-1	PNEC	0,115 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Geraniol	106-24-1	PNEC	0,011 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Geraniol	106-24-1	PNEC	0,017 mg/kg	terrestrial organisms	soil	short-term (single instance)

## 8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Use personal protective equipment with CE marking.

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

## Room Scent Cotton Flower

Version number: GHS 1.0

Date of compilation: 03.03.2025

### Eye/face protection

Wear safety glasses or face protection when there is a likelihood of exposure.

### Skin protection

#### - Hand protection

Wear suitable gloves. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. Protective gloves should be replaced immediately if damaged or in case of signs of wear.

#### - Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended.

### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

### Thermal hazards

In case of working with hot/molten material.

### Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state	liquid
Colour	colourless
Odour	after the perfume
Melting point/freezing point	not determined
Boiling point or initial boiling point and boiling range	213,5 °C at 101.325 Pa
Flammability	product is combustible
Lower and upper explosion limit	information on this property is not available
Flash point	21 °C
Auto-ignition temperature	380 °C
Decomposition temperature	not relevant
pH (value)	7
Kinematic viscosity	not determined

### Solubility(ies)

Water solubility	soluble
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### Partition coefficient

Partition coefficient n-octanol/water (log value)	this information is not available
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### Vapour pressure

Vapour pressure	10 kPa at 143,6 °C
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### Density and/or relative density

Density	not determined
Relative vapour density	information on this property is not available

### Particle characteristics

Particle characteristics	not relevant (liquid)
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## 9.2 Other information

There is no additional information.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

The product is not reactive under normal conditions of storage and handling.

### 10.2 Chemical stability

It is stable under normal use and storage conditions.

### 10.3 Possibility of hazardous reactions

No known hazardous reactions.

### 10.4 Conditions to avoid

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

#### Hints to prevent fire or explosion

Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

### 10.5 Incompatible materials

There is no additional information.

### 10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Test data are not available for the complete mixture.

#### Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

#### Classification according to Regulation (EC) No 1272/2008 (CLP)

##### Acute toxicity

Not classified as a mixture with acute toxicity.

#### - Acute toxicity of components of the mixture

Name of substance	CAS No	Exposure route	Endpoint	Value	Species
2-phenylethanol	60-12-8	oral	LD50	1.609 mg/kg	rat
2-phenylethanol	60-12-8	dermal	LD50	2.535 mg/kg	rabbit
2-methylbutyl 2-hydroxybenzoate; pentyl 2-hydroxybenzoate		oral	LD50	2.000 mg/kg	rat
2-methylbutyl 2-hydroxybenzoate; pentyl 2-hydroxybenzoate		dermal	LD50	>2.000 mg/kg	rabbit

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Name of substance	CAS No	Exposure route	Endpoint	Value	Species
(2E)-3-phenylprop-2-en-1-ol	104-54-1	oral	LD50	2.000 mg/kg	rat
(2E)-3-phenylprop-2-en-1-ol	104-54-1	dermal	LD50	>2.000 mg/kg	rat
Coumarin	91-64-5	oral	LD50	680 mg/kg	rat
Coumarin	91-64-5	dermal	LD50	293 mg/kg	rabbit

### Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

### Serious eye damage/eye irritation

Causes serious eye irritation.

### Respiratory or skin sensitisation

May cause an allergic skin reaction.

### Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

### Carcinogenicity

Shall not be classified as carcinogenic.

### Reproductive toxicity

Shall not be classified as a reproductive toxicant.

### Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

### Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

### Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

## 11.2 Information on other hazards

There is no additional information.

## SECTION 12: Ecological information

### 12.1 Toxicity

Acc. to 1272/2008/EC: Harmful to aquatic life with long lasting effects.

Ordinance on facilities for handling substances hazardous to water (AwSV): WGK 2, obviously hazardous to water (Germany)

#### Aquatic toxicity (acute) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
2-methylbutyl 2-hydroxybenzoate; pentyl 2-hydroxybenzoate		LC50	1,34 mg/l	fish	96 h
2-methylbutyl 2-hydroxybenzoate; pentyl 2-hydroxybenzoate		EC50	1,4 mg/l	aquatic invertebrates	24 h
2-methylbutyl 2-hydroxybenzoate; pentyl 2-hydroxybenzoate		ErC50	0,77 mg/l	algae	72 h
2-methylbutyl 2-hydroxybenzoate; pentyl 2-hydroxybenzoate		NOEC	0,2 mg/l	algae	72 h
Diphenyl ether	101-84-8	LC50	10 mg/l	fish	24 h
Diphenyl ether	101-84-8	EC50	2,92 mg/l	aquatic invertebrates	24 h

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Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Diphenyl ether	101-84-8	ErC50	0,58 mg/l	algae	72 h
Diphenyl ether	101-84-8	NOEC	3,2 mg/l	fish	96 h
2-methylundecanal	110-41-8	LC50	>0,46 mg/l	fish	24 h
2-methylundecanal	110-41-8	EC50	0,21 mg/l	aquatic invertebrates	48 h
2-methylundecanal	110-41-8	ErC50	0,18 mg/l	algae	72 h
2-methylundecanal	110-41-8	NOEC	0,11 mg/l	fish	96 h
(2E)-3-phenylprop-2-en-1-ol	104-54-1	LC50	9 mg/l	zebra fish (Danio rerio)	96 h
(2E)-3-phenylprop-2-en-1-ol	104-54-1	EC50	7,7 mg/l	daphnia magna	48 h
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylin-deno[5,6-c]pyran	1222-05-5	LC50	0,95 mg/l	fish	96 h
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylin-deno[5,6-c]pyran	1222-05-5	EC50	0,194 mg/l	aquatic invertebrates	48 h
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylin-deno[5,6-c]pyran	1222-05-5	EC50	0,723 mg/l	algae	72 h
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylin-deno[5,6-c]pyran	1222-05-5	ErC50	>0,854 mg/l	algae	72 h
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylin-deno[5,6-c]pyran	1222-05-5	NOEC	0,201 mg/l	algae	72 h
(R)-p-mentha-1,8-diene	5989-27-5	LC50	720 µg/l	fish	96 h
(R)-p-mentha-1,8-diene	5989-27-5	EC50	688 µg/l	fish	96 h
(R)-p-mentha-1,8-diene	5989-27-5	ErC50	0,32 mg/l	algae	72 h
(R)-p-mentha-1,8-diene	5989-27-5	NOEC	0,09 mg/l	algae	48 h

### Aquatic toxicity (chronic) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Benzyl acetate	140-11-4	EC50	855 mg/l	microorganisms	3 h
Benzyl acetate	140-11-4	NOEC	0,92 mg/l	fish	28 d
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-indenyl propionate	68912-13-0	EC50	1,8 mg/l	aquatic invertebrates	21 d
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-indenyl propionate	68912-13-0	NOEC	0,8 mg/l	fish	33 d
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-indenyl propionate	68912-13-0	growth (EbCx) 10%	0,91 mg/l	fish	33 d
2-methylbutyl 2-hydroxybenzoate; pentyl 2-hydroxybenzoate		NOEC	79 µg/l	aquatic invertebrates	21 d
2-methylbutyl 2-hydroxybenzoate; pentyl 2-hydroxybenzoate		growth (EbCx) 10%	99 µg/l	aquatic invertebrates	21 d

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Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Diphenyl ether	101-84-8	EC50	>100 mg/l	microorganisms	3 h
2-methylundecanal	110-41-8	NOEC	33 µg/l	aquatic invertebrates	21 d
2-methylundecanal	110-41-8	LOEC	59 µg/l	aquatic invertebrates	21 d
Anisaldehyde	123-11-5	LC50	1,47 mg/l	aquatic invertebrates	21 d
Anisaldehyde	123-11-5	EC50	1,22 mg/l	aquatic invertebrates	21 d
Anisaldehyde	123-11-5	NOEC	0,71 mg/l	aquatic invertebrates	21 d
Anisaldehyde	123-11-5	LOEC	1,53 mg/l	aquatic invertebrates	21 d
Anisaldehyde	123-11-5	growth (EbCx) 20%	450 mg/l	microorganisms	30 min
3-p-cumenyl-2-methylpropionaldehyde	103-95-7	EC50	1,7 mg/l	aquatic invertebrates	21 d
3-p-cumenyl-2-methylpropionaldehyde	103-95-7	NOEC	0,71 mg/l	aquatic invertebrates	21 d
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylin-deno[5,6-c]pyran	1222-05-5	LC50	>0,14 mg/l	fish	36 d
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylin-deno[5,6-c]pyran	1222-05-5	EC50	0,282 mg/l	aquatic invertebrates	21 d
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylin-deno[5,6-c]pyran	1222-05-5	NOEC	0,068 mg/l	fish	36 d
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylin-deno[5,6-c]pyran	1222-05-5	LOEC	0,075 mg/l	aquatic invertebrates	5,5 d
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylin-deno[5,6-c]pyran	1222-05-5	growth (EbCx) 10%	0,044 mg/l	aquatic invertebrates	5,5 d
Reaction Mass of Cis-4-(isopropyl)cyclohexanemethanol and Trans-4-(isopropyl)cyclohexanemethanol	5502-75-0	LC50	7,5 mg/l	rainbow trout (Oncorhynchus mykiss)	3 h
Reaction Mass of Cis-4-(isopropyl)cyclohexanemethanol and Trans-4-(isopropyl)cyclohexanemethanol	5502-75-0	EC50	190 mg/l	microorganisms	3 h
Reaction Mass of Cis-4-(isopropyl)cyclohexanemethanol and Trans-4-(isopropyl)cyclohexanemethanol	5502-75-0	NOEC	0,426 mg/l	fish	33 d
Reaction Mass of Cis-4-(isopropyl)cyclohexanemethanol and Trans-4-(isopropyl)cyclohexanemethanol	5502-75-0	growth (EbCx) 10%	5,2 mg/l	algae	72 h

### 12.2 Persistence and degradability

Information on this property is not available.

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Degradability of components						
Name of substance	CAS No	Process	Degradation rate	Time	Method	Source
Benzyl acetate	140-11-4	carbon dioxide generation	100,9 %	28 d		ECHA
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-indenyl propionate	68912-13-0	oxygen depletion	15 %	28 d		ECHA
2-methylbutyl 2-hydroxybenzoate; pentyl 2-hydroxybenzoate		oxygen depletion	32 %	2 d		ECHA
Diphenyl ether	101-84-8	oxygen depletion	64 %	5 d		ECHA
2-methylundecanal	110-41-8	oxygen depletion	11 %	2 d		ECHA
Anisaldehyde	123-11-5	DOC removal	97 %	6 d		ECHA
3-p-cumenyl-2-methylpropionaldehyde	103-95-7	carbon dioxide generation	65,5 %	28 d		ECHA
Ethylinalool	10339-55-6	oxygen depletion	6 %	4 d		ECHA
(2E)-3-phenylprop-2-en-1-ol	104-54-1	oxygen depletion	51,52 %	28 d		ECHA Chem
1,3,4,6,7,8-hexahydro-4,6,7,8,8-hexamethylindeno[5,6-c]pyran	1222-05-5	carbon dioxide generation	1 %	28 d		ECHA
Eugenol	97-53-0	oxygen depletion	50 %	7 d		ECHA
Reaction Mass of Cis-4-(isopropyl)cyclohexanemethanol and Trans-4-(isopropyl)cyclohexanemethanol	5502-75-0	oxygen depletion	91 %	28 d		ECHA Chem
Tetrahydrolinalool	78-69-3	oxygen depletion	60 – 70 %	28 d	OECD 301 F	ECHA
Geraniol	106-24-1	DOC removal	90 – 100 %	3 d		ECHA

### 12.3 Bioaccumulative potential

Bioaccumulative potential of components of the mixture

Name of substance	CAS No	BCF	Log KOW
Benzyl acetate	140-11-4	8	1,96 (pH value: 7, 25 °C)
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-indenyl propionate	68912-13-0	156	4,4 (30 °C)
2-phenylethanol	60-12-8		1,36
2-methylbutyl 2-hydroxybenzoate; pentyl 2-hydroxybenzoate		1.136	4,4 (30 °C)
4-tert-butylcyclohexyl acetate	32210-23-4	234	4,8 (25 °C)
Diphenyl ether	101-84-8	196	4,21 (25 °C)
2-methylundecanal	110-41-8		4,9 (35 °C)

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Name of substance	CAS No	BCF	Log KOW
Anisaldehyde	123-11-5		1,56 (25 °C)
3-p-cumenyl-2-methylpropionaldehyde	103-95-7		3,4 (pH value: ~7, 35 °C)
7-hydroxycitronellal	107-75-5		1,68 (25 °C)
Ethyl linalool	10339-55-6		3,3 (20 °C)
(2E)-3-phenylprop-2-en-1-ol	104-54-1		1,452 (25 °C)
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	1222-05-5	1.635	5,3 (pH value: 7, 25 °C)
(R)-p-mentha-1,8-diene	5989-27-5	361	
Eugenol	97-53-0		1,83 (pH value: 5,5, 30 °C)
Reaction Mass of Cis-4-(isopropyl)cyclohexanemethanol and Trans-4-(isopropyl)cyclohexanemethanol	5502-75-0		3,55 (30 °C)
Tetrahydrolinalool	78-69-3	99,87	3,3 (20 °C)
Geraniol	106-24-1		2,6 (25 °C)

### 12.4 Mobility in soil

Data are not available.

### 12.5 Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of  $\geq 0,1\%$ .

### 12.6 Endocrine disrupting properties

Information not available.

### 12.7 Other adverse effects

Data are not available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Dispose of contents/container to a facility in accordance with local and national regulations. Waste should be recovered or disposed of in authorized incineration plants or waste facilities in accordance with applicable regulations.

#### Waste treatment-relevant information

Solvent reclamation/regeneration.

#### Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

#### Waste treatment of containers/packages

Use appropriate container to avoid environmental contamination. Only packagings which are approved (e.g. acc. to ADR) may be used.

#### Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities. If this product and its packaging become waste, the owner of the waste is obliged to assign the corresponding code to the waste according to the decree on the creation of the Catalog of waste.

## SECTION 14: Transport information

### 14.1 UN number or ID number

ADR/RID/ADN	UN 1993
IMDG-Code	UN 1993
ICAO-TI	UN 1993



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### 14.2 UN proper shipping name

ADR/RID/ADN	FLAMMABLE LIQUID, N.O.S.
IMDG-Code	FLAMMABLE LIQUID, N.O.S.
ICAO-TI	Flammable liquid, n.o.s.
Technical name (hazardous ingredients)	Ethanol, Reaction Mass of Cis-4-(isopropyl)cyclohexanemethanol and Trans-4-(isopropyl)cyclohexanemethanol

### 14.3 Transport hazard class(es)

ADR/RID/ADN	3
IMDG-Code	3
ICAO-TI	3

### 14.4 Packing group

ADR/RID/ADN	II
IMDG-Code	II
ICAO-TI	II

### 14.5 Environmental hazards

non-environmentally hazardous acc. to the dangerous goods regulations

### 14.6 Special precautions for user


Provisions for dangerous goods (ADR) should be complied within the premises.

### 14.7 Maritime transport in bulk according to IMO instruments

The cargo is not intended to be carried in bulk.

### Information for each of the UN Model Regulations

#### **Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN) - Additional information**

Classification code	F1
Danger label(s)	3
	
Special provisions (SP)	274, 601, 640D
Excepted quantities (EQ)	E2
Limited quantities (LQ)	1 L
Transport category (TC)	2
Tunnel restriction code (TRC)	D/E
Hazard identification No	33

#### **International Maritime Dangerous Goods Code (IMDG) - Additional information**

Marine pollutant	-
Danger label(s)	3
	
Special provisions (SP)	274

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Excepted quantities (EQ) E2  
Limited quantities (LQ) 1 L  
EmS F-E, S-E  
Stowage category B

### International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information

Danger label(s) 3



Special provisions (SP) A3  
Excepted quantities (EQ) E2  
Limited quantities (LQ) 1 L

## SECTION 15: Regulatory information

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

#### Relevant provisions of the European Union (EU)

Regulation of the European Parliament and of the Council (EC) No. 1907/2006 (REACH) as amended,  
Regulation of the European Parliament and of the Council (EC) No. 1272/2008 (CLP) as amended.

#### Restrictions according to REACH, Annex XVII

The product and listed ingredients are subject to the following restrictions, according to REACH Annex XVII. None of these restrictions are applicable for the identified use of the product

Dangerous substances with restrictions (REACH, Annex XVII)				
Name of substance	Name acc. to inventory	CAS No	Restriction	No
Room Scent Cotton Flower	this product meets the criteria for classification in accordance with Regulation No 1272/2008/EC		R3	3
Ethanol	flammable / pyrophoric		R40	40
Ethanol	substances in tattoo inks and permanent make-up		R75	75
Diphenyl ether	substances in tattoo inks and permanent make-up		R75	75
3-p-cumenyl-2-methylpropionaldehyde	substances in tattoo inks and permanent make-up		R75	75
Heptanal, 2-(phenylmethylene)-, (2E)-	substances in tattoo inks and permanent make-up		R75	75
(R)-p-mentha-1,8-diene	flammable / pyrophoric		R40	40
(R)-p-mentha-1,8-diene	substances in tattoo inks and permanent make-up		R75	75
p-mentha-1,4(8)-diene	substances in tattoo inks and permanent make-up		R75	75
Geraniol	substances in tattoo inks and permanent make-up		R75	75

#### Legend

- R3 1. Shall not be used in:
- ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ash-trays,
  - tricks and jokes,
  - games for one or more participants, or any article intended to be used as such, even with ornamental aspects,

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### Legend

2. Articles not complying with paragraph 1 shall not be placed on the market.
3. Shall not be placed on the market if they contain a colouring agent, unless required for fiscal reasons, or perfume, or both, if they: — can be used as fuel in decorative oil lamps for supply to the general public, and — present an aspiration hazard and are labelled with H304.
4. Decorative oil lamps for supply to the general public shall not be placed on the market unless they conform to the European Standard on Decorative oil lamps (EN 14059) adopted by the European Committee for Standardisation (CEN).
5. Without prejudice to the implementation of other Union provisions relating to the classification, labelling and packaging of substances and mixtures, suppliers shall ensure, before the placing on the market, that the following requirements are met:
- (a) lamp oils, labelled with H304, intended for supply to the general public are visibly, legibly and indelibly marked as follows: "Keep lamps filled with this liquid out of the reach of children"; and, by 1 December 2010, "Just a sip of lamp oil – or even sucking the wick of lamps – may lead to life-threatening lung damage";
- (b) grill lighter fluids, labelled with H304, intended for supply to the general public are legibly and indelibly marked by 1 December 2010 as follows: 'Just a sip of grill lighter fluid may lead to life threatening lung damage';
- (c) lamps oils and grill lighters, labelled with H304, intended for supply to the general public are packaged in black opaque containers not exceeding 1 litre by 1 December 2010.';
- R40**
1. Shall not be used, as substance or as mixtures in aerosol dispensers where these aerosol dispensers are intended for supply to the general public for entertainment and decorative purposes such as the following:
- metallic glitter intended mainly for decoration,
  - artificial snow and frost,
  - 'whoopie' cushions,
  - silly string aerosols,
  - imitation excrement,
  - horns for parties,
  - decorative flakes and foams,
  - artificial cobwebs,
  - stink bombs.
2. Without prejudice to the application of other Community provisions on the classification, packaging and labelling of substances, suppliers shall ensure before the placing on the market that the packaging of aerosol dispensers referred to above is marked visibly, legibly and indelibly with:
- 'For professional users only'.
3. By way of derogation, paragraphs 1 and 2 shall not apply to the aerosol dispensers referred to Article 8 (1a) of Council Directive 75/324/EEC (2).
4. The aerosol dispensers referred to in paragraphs 1 and 2 shall not be placed on the market unless they conform to the requirements indicated.
- R75**
1. Shall not be placed on the market in mixtures for use for tattooing purposes, and mixtures containing any such substances shall not be used for tattooing purposes, after 4 January 2022 if the substance or substances in question is or are present in the following circumstances:
- (a) in the case of a substance classified in Part 3 of Annex VI to Regulation (EC) No 1272/2008 as carcinogen category 1A, 1B or 2, or germ cell mutagen category 1A, 1B or 2, the substance is present in the mixture in a concentration equal to or greater than 0,00005 % by weight;
- (b) in the case of a substance classified in Part 3 of Annex VI to Regulation (EC) No 1272/2008 as reproductive toxicant category 1A, 1B or 2, the substance is present in the mixture in a concentration equal to or greater than 0,001 % by weight;
- (c) in the case of a substance classified in Part 3 of Annex VI to Regulation (EC) No 1272/2008 as skin sensitiser category 1, 1A or 1B, the substance is present in the mixture in a concentration equal to or greater than 0,001 % by weight;
- (d) in the case of a substance classified in Part 3 of Annex VI to Regulation (EC) No 1272/2008 as skin corrosive category 1, 1A, 1B or 1C or skin irritant category 2, or as serious eye damage category 1 or eye irritant category 2, the substance is present in the mixture in a concentration equal to or greater than:
- (i) 0,1 % by weight, if the substance is used solely as a pH regulator;
- (ii) 0,01 % by weight, in all other cases;
- (e) in the case of a substance listed in Annex II to Regulation (EC) No 1223/2009 (\*1), the substance is present in the mixture in a concentration equal to or greater than 0,00005 % by weight;
- (f) in the case of a substance for which a condition of one or more of the following kinds is specified in column g (Product type, Body parts) of the table in Annex IV to Regulation (EC) No 1223/2009, the substance is present in the mixture in a concentration equal to or greater than 0,00005 % by weight:
- (i) "Rinse-off products";
- (ii) "Not to be used in products applied on mucous membranes";
- (iii) "Not to be used in eye products";
- (g) in the case of a substance for which a condition is specified in column h (Maximum concentration in ready for use preparation) or column i (Other) of the table in Annex IV to Regulation (EC) No 1223/2009, the substance is present in the mixture in a concentration, or in some other way, that does not accord with the condition specified in that column;
- (h) in the case of a substance listed in Appendix 13 to this Annex, the substance is present in the mixture in a concentration equal to or greater than the concentration limit specified for that substance in that Appendix.
2. For the purposes of this entry use of a mixture "for tattooing purposes" means injection or introduction of the mixture into a person's skin, mucous membrane or eyeball, by any process or procedure (including procedures commonly referred to as permanent make-up, cosmetic tattooing, micro-blading and micro-pigmentation), with the aim of making a mark or design on his or her body.
3. If a substance not listed in Appendix 13 falls within more than one of points (a) to (g) of paragraph 1, the strictest concentration limit laid down in the points in question shall apply to that substance. If a substance listed in Appendix 13 also falls within one or more of points (a) to (g) of paragraph 1, the concentration limit laid down in point (h) of paragraph 1 shall apply to that substance.
4. By way of derogation, paragraph 1 shall not apply to the following substances until 4 January 2023:
- (a) Pigment Blue 15:3 (CI 74160, EC No 205-685-1, CAS No 147-14-8);
- (b) Pigment Green 7 (CI 74260, EC No 215-524-7, CAS No 1328-53-6).
5. If Part 3 of Annex VI to Regulation (EC) No 1272/2008 is amended after 4 January 2021 to classify or re-classify a substance such that the substance then becomes caught by point (a), (b), (c) or (d) of paragraph 1 of this entry, or such that it then falls within a different one of those points from the one within which it fell previously, and the date of application of that new or revised classification is after the date referred to in paragraph 1 or, as the case may be, paragraph 4 of this entry, that amendment shall, for the purposes of applying this entry to that substance, be treated as taking effect on the date of application of that new or revised classification.
6. If Annex II or Annex IV to Regulation (EC) No 1223/2009 is amended after 4 January 2021 to list or change the listing of a substance such that the substance then becomes caught by point (e), (f) or (g) of paragraph 1 of this entry, or such that it then falls within a different

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### Legend

one of those points from the one within which it fell previously, and the amendment takes effect after the date referred to in paragraph 1 or, as the case may be, paragraph 4 of this entry, that amendment shall, for the purposes of applying this entry to that substance, be treated as taking effect from the date falling 18 months after entry into force of the act by which that amendment was made.

7. Suppliers placing a mixture on the market for use for tattooing purposes shall ensure that, after 4 January 2022, the mixture is marked with the following information:

(a) the statement "Mixture for use in tattoos or permanent make-up";

(b) a reference number to uniquely identify the batch;

(c) the list of ingredients in accordance with the nomenclature established in the glossary of common ingredient names pursuant to Article 33 of Regulation (EC) No 1223/2009, or in the absence of a common ingredient name, the IUPAC name. In the absence of a common ingredient name or IUPAC name, the CAS and EC number. Ingredients shall be listed in descending order by weight or volume of the ingredients at the time of formulation. "Ingredient" means any substance added during the process of formulation and present in the mixture for use for tattooing purposes. Impurities shall not be regarded as ingredients. If the name of a substance, used as ingredient within the meaning of this entry, is already required to be stated on the label in accordance with Regulation (EC) No 1272/2008, that ingredient does not need to be marked in accordance with this Regulation;

(d) the additional statement "pH regulator" for substances falling under point (d)(i) of paragraph 1;

(e) the statement "Contains nickel. Can cause allergic reactions." if the mixture contains nickel below the concentration limit specified in Appendix 13;

(f) the statement "Contains chromium (VI). Can cause allergic reactions." if the mixture contains chromium (VI) below the concentration limit specified in Appendix 13;

(g) safety instructions for use insofar as they are not already required to be stated on the label by Regulation (EC) No 1272/2008.

The information shall be clearly visible, easily legible and marked in a way that is indelible.

The information shall be written in the official language(s) of the Member State(s) where the mixture is placed on the market, unless the Member State(s) concerned provide(s) otherwise.

Where necessary because of the size of the package, the information listed in the first subparagraph, except for point (a), shall be included instead in the instructions for use.

Before using a mixture for tattooing purposes, the person using the mixture shall provide the person undergoing the procedure with the information marked on the package or included in the instructions for use pursuant to this paragraph.

8. Mixtures that do not contain the statement "Mixture for use in tattoos or permanent make-up" shall not be used for tattooing purposes.

9. This entry does not apply to substances that are gases at temperature of 20 °C and pressure of 101,3 kPa, or generate a vapour pressure of more than 300 kPa at temperature of 50 °C, with the exception of formaldehyde (CAS No 50-00-0, EC No 200-001-8).

10. This entry does not apply to the placing on the market of a mixture for use for tattooing purposes, or to the use of a mixture for tattooing purposes, when placed on the market exclusively as a medical device or an accessory to a medical device, within the meaning of Regulation (EU) 2017/745, or when used exclusively as a medical device or an accessory to a medical device, within the same meaning. Where the placing on the market or use may not be exclusively as a medical device or an accessory to a medical device, the requirements of Regulation (EU) 2017/745 and of this Regulation shall apply cumulatively.

### List of substances subject to authorisation (REACH, Annex XIV) / SVHC - candidate list

none of the ingredients are listed

### Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)

none of the ingredients are listed

### Regulation on persistent organic pollutants (POP)

none of the ingredients are listed

### National regulations (Germany)

### Ordinance on facilities for handling substances hazardous to water (AwSV)

Wassergefährdungsklasse, WGK 2 obviously hazardous to water  
(water hazard class)

### Technical instructions on air quality control (Germany)

Number	Group of substances	Class	Conc.	Mass flow	Mass concentration	Notation
5.2.5	organic substances		≥ 25 wt%	0,5 kg/h	50 mg/m <sup>3</sup>	3)

### Notation

3) a total mass flow of 0.50 kg/h or a total mass concentration of 50 mg/m<sup>3</sup>, each of which to be indicated as total carbon, shall not be exceeded (except organic particulate matter)

### Storage of hazardous substances in non-stationary containers (TRGS 510) (Germany)

Storage class (LGK) 3 (flammable or desensitizing explosive liquids)

## 15.2 Chemical safety assessment

A chemical safety assessment has been performed for substances with a REACH registration number.

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### SECTION 16: Other information

#### Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
2017/164/EU	Commission Directive establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU
Acute Tox.	Acute toxicity
ADN	Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)
ADR	Accord relatif au transport international des marchandises dangereuses par route (Agreement concerning the International Carriage of Dangerous Goods by Road)
ADR/RID/ADN	Agreements concerning the International Carriage of Dangerous Goods by Road/Rail/Inland Waterways (ADR/RID/ADN)
AGW	Workplace exposure limit
Aquatic Acute	Hazardous to the aquatic environment - acute hazard
Aquatic Chronic	Hazardous to the aquatic environment - chronic hazard
Asp. Tox.	Aspiration hazard
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DFG	Deutsche Forschungsgemeinschaft MAK- und BAT-Werte-Liste, Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe, Wiley-VCH, Weinheim
DGR	Dangerous Goods Regulations (see IATA/DGR)
DNEL	Derived No-Effect Level
EC50	Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval
EC No	The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union)
ED	Endocrine disruptor
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
EmS	Emergency Schedule
ErC50	≡ EC50: in this method, that concentration of test substance which results in a 50 % reduction in either growth (EbC50) or growth rate (ErC50) relative to the control
Eye Dam.	Seriously damaging to the eye
Eye Irrit.	Irritant to the eye
Flam. Liq.	Flammable liquid
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
ICAO-TI	Technical instructions for the safe transport of dangerous goods by air
IMDG	International Maritime Dangerous Goods Code
IMDG-Code	International Maritime Dangerous Goods Code

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Abbr.	Descriptions of used abbreviations
index No	The Index number is the identification code given to the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008
IOELV	Indicative occupational exposure limit value
LC50	Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval
LD50	Lethal Dose 50 %: the LD50 corresponds to the dose of a tested substance causing 50 % lethality during a specified time interval
LGK	Lagerklasse (storage class according to TRGS 510, Germany)
LOEC	Lowest Observed Effect Concentration
log KOW	n-Octanol/water
M-factor	Means a multiplying factor. It is applied to the concentration of a substance classified as hazardous to the aquatic environment acute category 1 or chronic category 1, and is used to derive by the summation method the classification of a mixture in which the substance is present
NLP	No-Longer Polymer
NOEC	No Observed Effect Concentration
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
Repr.	Reproductive toxicity
RID	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail)
Skin Corr.	Corrosive to skin
Skin Irrit.	Irritant to skin
Skin Sens.	Skin sensitisation
STEL	Short-term exposure limit
SVHC	Substance of Very High Concern
TRGS	Technische Regeln für Gefahrstoffe (technical rules for hazardous substances, Germany)
TRGS 900	Arbeitsplatzgrenzwerte (TRGS 900)
TWA	Time-weighted average
vPvB	Very Persistent and very Bioaccumulative

### Key literature references and sources for data

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU.

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

### Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

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### List of relevant phrases (code and full text as stated in section 2 and 3)

Code	Text
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.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H361fd	Suspected of damaging fertility. Suspected of damaging 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.

### Training advice

Training recommendations: Workers must be aware of handling risks and health and environmental protection requirements.

### Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.