

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

Dufträume

ipuro ESSENTIALS | scent plug cotton fields

Revision date: 31.03.2022

Product code: SN-GDC-590

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

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UFI: QFAX-RR5A-J50P-3Y9X

1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

fragrance ipuro scent plug

Uses advised against

The product is only to be used for the intended application.

1.3. Details of the supplier of the safety data sheet

Company name:	Gries Deco Company GmbH	
Street:	Boschstrasse 7	
Place:	D-63843 Niedernberg	
Telephone:	+49 (0)6028 944-3100	Telefax: +49 (0)6028 944-3200
Contact person:	Division of Supply Chain Management	
e-mail:	QS@g-d-c.eu	
Internet:	www.ipuro.com	

1.4. Emergency telephone number:

national emergency number: +353 1 8092566

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Regulation (EC) No 1272/2008**Skin Sens. 1; H317
Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

2.2. Label elements**Regulation (EC) No 1272/2008****Hazard components for labelling**

4-tert-BUTYLCYCLOHEXYL ACETATE, TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES, ALPHA-ISOMETHYL IONONE, CITRONELLOL, LORYSIA, LINALOOL, COUMARIN, GERANIOL, D-LIMONENE, CYCLAMEN ALDEHYDE, NEROL, CITRAL, (E)-1-(2,6,6-trimethyl-1-cyclohexen-1-yl)pent-1-en-3-one, p-MENTHAN-7-OL, LINALYL ACETATE

Signal word: Warning**Pictograms:****Hazard statements**H317 May cause an allergic skin reaction.
H412 Harmful to aquatic life with long lasting effects.**Precautionary statements**P102 Keep out of reach of children.
P103 Read carefully and follow all instructions.
P302+P352 IF ON SKIN: Wash with plenty of water.

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P333+P313
P501

If skin irritation or rash occurs: Get medical advice/attention.
Do not discard content with household waste and forward for disposal according to regional/national guidelines.

2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/information on ingredients**3.2. Mixtures**

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Hazardous components

CAS No	Chemical name	Quantity		
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
63500-71-0	tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans) (TETRAHYDRO-METHYL-METHYLPROPYL)-PYRAN-4-OL)			1 - < 5 %
	405-040-6	603-101-00-3	01-0000015458-64	
	Eye Irrit. 2; H319			
60-12-8	2-phenylethanol (PHENETHYL ALCOHOL)			1 - < 5 %
	200-456-2		01-2119963921-31	
	Acute Tox. 4, Eye Irrit. 2; H302 H319			
32210-23-4	4-tert-Butylcyclohexyl acetate (4-tert-BUTYLCYCLOHEXYL ACETATE)			1 - < 5 %
	250-954-9		01-2119976286-24	
	Skin Sens. 1B; H317			
	Reaction mass of 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one (TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES)			1 - < 5 %
	915-730-3		01-2119489989-04	
	Skin Irrit. 2, Skin Sens. 1B, Aquatic Chronic 1; H315 H317 H410			
127-51-5	3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one (ALPHA-ISOMETHYL IONONE)			1 - < 5 %
	204-846-3			
	Skin Sens. 1, Aquatic Chronic 2; H317 H411			
28219-61-6	2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol			1 - < 5 %
	248-908-8		01-2119529224-45	
	Eye Irrit. 2, Aquatic Chronic 2; H319 H411			
106-22-9	Citronellol (CITRONELLOL)			1 - < 5 %
	203-375-0		01-2119453995-23	
	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1B; H315 H319 H317			
10411-92-4	cis-4-tert-butylcyclohexyl acetate (LORYSIA)			1 - < 5 %
	233-881-7		01-2119976287-22	
	Acute Tox. 4, Skin Sens. 1B; H302 H317			
78-70-6	Linalool; 3,7-Dimethyl-1,6-octadien-3-ol; dl-Linalool (LINALOOL)			< 1 %
	201-134-4	603-235-00-2	01-2119474016-42	
	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1B; H315 H319 H317			
91-64-5	coumarin (COUMARIN)			< 1 %
	202-086-7		01-2119949300-45	
	Acute Tox. 4, Skin Sens. 1, Aquatic Chronic 3; H302 H317 H412			
106-24-1	geraniol; (2E)-3,7-dimethylocta-2,6-dien-1-ol(GERANIOL)			< 1 %
	203-377-1	603-241-00-5	01-2119552430-49	
	Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1; H315 H318 H317			
5989-27-5	(R)-p-mentha-1,8-diene; d-limonene (D-LIMONENE)			< 1 %
	227-813-5	601-096-00-2	01-2119529223-47	
	Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1B, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 3; H226 H315 H317 H304 H400 H412			
103-95-7	3-p-cumenyl-2-methylpropionaldehyde (CYCLAMEN ALDEHYDE)			< 1 %

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	203-161-7		01-2119970582-32	
	Skin Irrit. 2, Skin Sens. 1B, Aquatic Chronic 3; H315 H317 H412			
106-25-2	Nerol (NEROL)			< 1 %
	203-378-7		01-2119983244-33	
	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1B; H315 H319 H317			
5392-40-5	Citral (CITRAL)			< 1 %
	226-394-6	605-019-00-3	01-2119462829-23	
	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1B; H315 H319 H317			
63429-28-7	(E)-1-(2,6,6-trimethyl-1-cyclohexen-1-yl)pent-1-en-3-one			< 1 %
	264-140-6			
	Skin Irrit. 2, Skin Sens. 1, Aquatic Chronic 2; H315 H317 H411			
5502-75-0	Reaction Mass of Cis-4-(isopropyl) cyclohexanemethanol and Trans-4-(isopropyl) cyclohexanemethanol (p-MENTHAN-7-OL)			< 1 %
	939-719-8		01-2119983532-32	
	Skin Irrit. 2, Skin Sens. 1B; H315 H317			
115-95-7	Linalyl acetate (LINALYL ACETATE)			< 1 %
	204-116-4		01-2119454789-19	
	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1B; H315 H319 H317			

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
60-12-8	200-456-2	2-phenylethanol (PHENETHYL ALCOHOL)	1 - < 5 %
	oral: ATE = 500 mg/kg		
10411-92-4	233-881-7	cis-4-tert-butylcyclohexyl acetate (LORYSIA)	1 - < 5 %
	oral: ATE = 500 mg/kg		
91-64-5	202-086-7	coumarin (COUMARIN)	< 1 %
	oral: ATE = 500 mg/kg		
5989-27-5	227-813-5	(R)-p-mentha-1,8-diene; d-limonene (D-LIMONENE)	< 1 %
	M acute; H400: M=1		

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

First aider: Pay attention to self-protection!

After inhalation

If irritations or allergic reactions should occur as a consequence of handling the product (particularly if large quantities have been inhaled): Move victim to fresh air. Put victim at rest and keep warm. In case of allergic symptoms, especially in the breathing area, seek medical advice immediately.

After contact with skin

Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap. Change contaminated clothing. In case of skin irritation, consult a physician.

After contact with eyes

Remove contact lenses. In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Rinse mouth, spit liquid again. Do NOT induce vomiting. Let water be drunken in little sips (dilution effect). Seek medical attention if problems persist.



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

Irritations upon eye contact and irritations/allergic reactions upon contact with skin. Headache.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.
Water fog. Foam. BC powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated: Carbon monoxide. Carbon dioxide. Gases/vapours, toxic

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.
Protective clothing.

Additional information

Suppress gases/vapours/mists with water spray jet.
Contaminated fire-fighting water must be collected separately. Do not allow to enter into surface water or drains.
Use water spray jet to protect personnel and to cool endangered containers.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Wear personal protection equipment.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

For containment

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Treat the recovered material as prescribed in the section on waste disposal.

For cleaning up

Clean contaminated articles and floor according to the environmental legislation.

6.4. Reference to other sections

Personal protection equipment: see section 8
Handling and storage: see section 7
For waste disposal see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

When in use in confined, warm rooms: Ensure adequate ventilation.
At the place of work (in production and when refilling): Wear personal protection equipment.
Do not empty into drains; dispose of this material and its container in a safe way.



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Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

Advice on general occupational hygiene

Avoid contact with skin, eyes and clothes. Remove contaminated, saturated clothing immediately. Protect skin by using skin protective cream. After work, wash hands and face. When using do not eat or drink.

Further information on handling

When using do not eat, drink or smoke.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.
Keep only in the original container.

Hints on joint storage

Keep away from food, drink and animal feedingstuffs.

Further information on storage conditions

Protect from sunlight and heat sources. Avoid ignition sources.

7.3. Specific end use(s)

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

CAS No	Substance	ppm	mg/m ³	fib/cm ³	Category	Origin
5392-40-5	Citral (Inhalable Fraction and Vapour)	5	-		TWA (8 h)	

Additional advice on limit values

Currently there are no further exposure limits available.

8.2. Exposure controls

Appropriate engineering controls

Ensure adequate ventilation.

Individual protection measures, such as personal protective equipment

Eye/face protection

Under normal usage conditions, not necessary.

At the place of work (in production and when refilling): Eye glasses with side protection

Hand protection

Within the recommended use no hand protection is required, as the product does not come into contact with skin.

At the place of work (in production and when refilling):

Chemical resistant safety shoes.

Recommended material: Butyl rubber. CR (polychloroprene, chloroprene rubber). NBR (Nitrile rubber). PVC (Polyvinyl chloride).

Thickness of glove material: >0,35 mm / (breakthrough time >480 min).

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection

Under normal usage conditions, not necessary.

At the place of work (in production and when refilling): Protective clothing.

Respiratory protection

Under normal usage conditions, not necessary.

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At the place of work (in production and when refilling):
exceeding exposure limit values: gas filtering equipment (EN 141). type A.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:	liquid
Colour:	colourless to yellowish
Odour:	gentle, subtle (of: roses, vanilla)

Changes in the physical state

Melting point/freezing point:	No data available
Boiling point or initial boiling point and boiling range:	No data available
Flash point:	>90 °C

Flammability

Solid/liquid:	not applicable
Gas:	not applicable

Explosive properties

No data available

Lower explosion limits:	No data available
Upper explosion limits:	No data available
Auto-ignition temperature:	No data available

Self-ignition temperature

Gas:	No data available
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Decomposition temperature: No data available

pH-Value: No data available

Viscosity / dynamic: No data available

Flow time: No data available

Water solubility: No data available

Solubility in other solvents

No data available

Partition coefficient n-octanol/water: No data available

Vapour pressure: No data available

Density (at 20 °C): 0,99 - 1 g/cm³

Relative vapour density: No data available

9.2. Other information

Oxidizing properties
No data available

Solvent separation test:	No data available
Evaporation rate:	No data available

Further Information

No data available

SECTION 10: Stability and reactivity

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10.1. Reactivity

No dangerous reactivity under regular conditions.

10.2. Chemical stability

The product is stable under normal environmental conditions (room temperature).

10.3. Possibility of hazardous reactions

No dangerous reactions to be expected if used properly.

10.4. Conditions to avoid

Heat sources, open flames and other ignition sources.

10.5. Incompatible materials

Strong oxidizing agents acid, concentrated.

10.6. Hazardous decomposition products

In case of fire may be liberated: Carbon monoxide. Carbon dioxide. Irritating/poisonous gasses and vapours.

SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity**

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

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
60-12-8	2-phenylethanol (PHENETHYL ALCOHOL)				
	oral	ATE 500 mg/kg			
10411-92-4	cis-4-tert-butylcyclohexyl acetate (LORYSIA)				
	oral	ATE 500 mg/kg			
91-64-5	coumarin (COUMARIN)				
	oral	ATE 500 mg/kg			

Irritation and corrosivity

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

Sensitising effects

May cause an allergic skin reaction. (4-tert-Butylcyclohexyl acetate (4-tert-BUTYLCYCLOHEXYL ACETATE); Reaction mass of 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one (TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES); 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one (ALPHA-ISOMETHYL IONONE); Citronellol (CITRONELLOL); cis-4-tert-butylcyclohexyl acetate (LORYSIA); Linalool; 3,7-Dimethyl-1,6-octadien-3-ol; dl-Linalool (LINALOOL); coumarin (COUMARIN); geraniol; (2E)-3,7-dimethylocta-2,6-dien-1-ol (GERANIOL); (R)-p-mentha-1,8-diene; d-limonene (D-LIMONENE); 3-p-cumenyl-2-methylpropionaldehyde (CYCLAMEN ALDEHYDE); Nerol (NEROL); Citral (CITRAL); (E)-1-(2,6,6-trimethyl-1-cyclohexen-1-yl)pent-1-en-3-one; Reaction Mass of Cis-4-(isopropyl) cyclohexanemethanol and Trans-4-(isopropyl) cyclohexanemethanol (p-MENTHAN-7-OL); Linalyl acetate (LINALYL ACETATE))

Carcinogenic/mutagenic/toxic effects for reproduction

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

STOT-single exposure

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



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STOT-repeated exposure

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

Aspiration hazard

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

11.2. Information on other hazards

Endocrine disrupting properties

No data available

SECTION 12: Ecological information

12.1. Toxicity

No data available

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not dispose of residual product with household waste and do not empty into the sink or toilet.

Content/container must be handed in at a certified special waste collection point.

According to the European Waste Catalogue (EWC), allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

List of Wastes Code - contaminated packaging

150101 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); paper and cardboard packaging

Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

Recommended cleaning agent: Water (with cleaning agent)

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number or ID number:

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.



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14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.

14.4. Packing group: No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number or ID number: No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.

14.4. Packing group: No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.

14.4. Packing group: No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No special precautions known.

14.7. Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 75

2004/42/EC (VOC): 31,67%

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

Additional information

Regulation (EC) No. 648/2004 (Detergents regulation): not applicable

Regulation (EC) No. 1005/2009 on substances that lead to the depletion of the ozone layer: not applicable

Regulation (EC) No 850/2004 on persistent organic pollutants: not applicable

Regulation (EC) No 649/2012 of the European Parliament and of the Council concerning the export and import of dangerous chemicals: This mix contains no chemicals that are subject to the export notification procedures (annex 1).

This mixture contains the following substances of very high concern (SVHC) which are included in the

Candidate List according to Article 59 of REACH: none

This mixture contains the following substances of very high concern (SVHC) which are subject to authorisation according to Annex XIV of REACH: none

National regulatory information

Water hazard class (D): 2 - obviously hazardous to water

Additional information

Observe in addition any national regulations!

15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:

tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans)

(TETRAHYDRO-METHYL-METHYLPROPYL)-PYRAN-4-OL)

2-phenylethanol (PHENETHYL ALCOHOL)

4-tert-Butylcyclohexyl acetate (4-tert-BUTYLCYCLOHEXYL ACETATE)

Reaction mass of 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-

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(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one (TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES)
2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol
Citronellol (CITRONELLOL)
Linalool; 3,7-Dimethyl-1,6-octadien-3-ol; dl-Linalool (LINALOOL)
coumarin (COUMARIN)
geraniol; (2E)-3,7-dimethylocta-2,6-dien-1-ol(GERANIOL)
(R)-p-mentha-1,8-diene; d-limonene (D-LIMONENE)
3-p-cumenyl-2-methylpropionaldehyde (CYCLAMEN ALDEHYDE)
Nerol (NEROL)
Citral (CITRAL)
(E)-1-(2,6,6-trimethyl-1-cyclohexen-1-yl)pent-1-en-3-one
Reaction Mass of Cis-4-(isopropyl) cyclohexanemethanol and Trans-4-(isopropyl) cyclohexanemethanol (p-MENTHAN-7-OL)
Linalyl acetate (LINALYL ACETATE)

SECTION 16: Other information**Changes**

Version 1,00 - 31.03.2022 - first creation

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
BlmSchV (Fed.Imm.Prot.Act): Directive on the Implementation of the Federal Immission Protection Act
CAS: Chemical Abstracts Service
DIN: Norm of the Deutsche Institut für Normung (German Institute for Standardization)
EC: Effective Concentration
EG: European Community (Europäische Gemeinschaft)
EN: European Norm
IATA: International Air Transport Association
IBC Code: International Code for the Construction and Equipment of ships carrying Dangerous Chemicals in Bulk
ICAO: International Civil Aviation Organization
IMDG: International Maritime Code for Dangerous Goods
ISO: Norm of the International Standards Organization
CLP: Classification, Labeling, Packaging
IUCLID: International Uniform Chemical Information Database
LC: Lethal concentration
LD: Lethal dose
log Kow: Octanol/water partition coefficient
MARPOL: Maritime Pollution Convention = Convention for the Prevention of Maritime Pollution from Ships
OECD: Organisation for Economic Co-operation and Development
PBT: Persistent, bio-cumulative, toxic
RID: Regulation Concerning the International Transport of Dangerous Goods by Rail
TRGS: Technische Regeln für Gefahrstoffe
UN: United Nations
VOC: Volatile Organic Compounds
vPvB: very persistent and very bio-cumulative
VwVwS: Administrative Regulation for Water Pollutants
WGK: German Water Hazard Class
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
DNEL: Derived No Effect Level

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

Dufträume

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PNEC: Predicted No Effect Concentration

TLV: Threshold Limiting Value

STOT: Specific Target Organ Toxicity

AwSV: Ordinance on Installations for Handling Substances Hazardous to Water

Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

Classification	Classification procedure
Skin Sens. 1; H317	Calculation method
Aquatic Chronic 3; H412	Calculation method

Relevant H and EUH statements (number and full text)

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.
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.

Further Information

The information given in this safety data sheet is to describe the product's safety regulations. It is not for guaranteeing certain characteristics and is based on today's knowledge. The safety data sheet was generated upon information of pre-suppliers by:

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(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)