



Safety Data Sheet

Gries Deco Company GmbH

according to Regulation (EC) No 1907/2006

Dufträume

WE ARE: ipuro re:fresh

Revision date: 01.12.2023

Product code: GDC-689

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

1.1. Product identifier

WE ARE: ipuro re:fresh

UFI: 95W1-W0AK-8007-KRJV

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

Use of the substance/mixture

Air freshener

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

E-mail: QS@g-d-c.eu

Contact person: Division of Supply Chain

Management

E-mail: QS@g-d-c.eu

Internet: www.ipuro.com

1.4. Emergency telephone number:

+353 1 8092566 (Healthcare Professionals) +353 1 8092166 (consumer | 8am – 10pm | 7 days a week)

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

LINALOOL, 4-tert-BUTYLCYCLOHEXYL ACETATE, D-LIMONENE, LINALYL ACETATE, TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES, ACETYLCEDRENE, PENTADECALACTONE, BETA-PINENES

Signal word: Warning

Pictograms:



Hazard statements

H317

May cause an allergic skin reaction.

H412

Harmful to aquatic life with long lasting effects.

Precautionary statements

P101

If medical advice is needed, have product container or label at hand.

P102

Keep out of reach of children.

P302+P352

IF ON SKIN: Wash with plenty of water.

P333+P313

If skin irritation or rash occurs: Get medical advice/attention.

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P501

Do not discard content with household waste and forward for disposal according to regional/national guidelines.

2.3. Other hazards

The mixture contains the following substances fulfilling the PBT criteria according to REACH, annex XIII:

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).

The mixture contains the following substances fulfilling the vPvB criteria according to REACH, annex XIII:

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).

Endocrine disrupting properties: 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).

If used improperly, the product can cause eye and skin irritations.

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

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Relevant ingredients

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
34590-94-8	(2-methoxymethylethoxy)propanol			75 - 100 %
	252-104-2		01-2119450011-60	
78-70-6	Linalool; 3,7-Dimethyl-1,6-octadien-3-ol; dl-Linalool (LINALOOL)			1 - < 2.5 %
	201-134-4	603-235-00-2	01-2119474016-42	
	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1B; H315 H319 H317			
32210-23-4	4-tert-Butylcyclohexyl acetate (4-tert-BUTYLCYCLOHEXYL ACETATE)			1 - < 2.5 %
	250-954-9		01-2119976286-24	
	Skin Sens. 1B; H317			
5989-27-5	(R)-p-mentha-1,8-diene; d-limonene (D-LIMONENE)			0.5 - < 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			
115-95-7	Linalyl acetate (LINALYL ACETATE)			0.5 - < 1 %
	204-116-4		01-2119454789-19	
	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1B; H315 H319 H317			
	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)			0.1 - < 0.5 %
	915-730-3		01-2119489989-04	
	Skin Irrit. 2, Skin Sens. 1B, Aquatic Chronic 2; H315 H317 H411			
32388-55-9	[3R-(3a,3aβ,7β,8aα)]-1-(2,3,4,7,8,8a-hexahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-yl)ethan-1-one (ACETYLCEDRENE)			0.1 - < 0.5 %
	251-020-3		01-2119969651-28	
	Skin Sens. 1B, Aquatic Acute 1, Aquatic Chronic 1; H317 H400 H410 EUH066			
106-02-5	Pentadecan-15-olide (PENTADECALACTONE)			0.1 - < 0.5 %
	203-354-6		01-2119987323-31	
	Skin Sens. 1B, Aquatic Chronic 2; H317 H411			
18172-67-3	(-)-pin-2(10)-ene (BETA-PINENES)			0.1 - < 0.5 %
	242-060-2			
	Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1; H226 H315 H317 H304 H400 H410			

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



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Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
34590-94-8	252-104-2	(2-methoxymethylethoxy)propanol	75 - 100 %
		inhalation: LC50 = 55-60 mg/l (vapours); dermal: LD50 = 9510 mg/kg; oral: LD50 = 5000 mg/kg	
5989-27-5	227-813-5	(R)-p-mentha-1,8-diene; d-limonene (D-LIMONENE)	0.5 - < 1 %
		Aquatic Acute 1; H400: M=1	
18172-67-3	242-060-2	(-)-pin-2(10)-ene (BETA-PINENES)	0.1 - < 0.5 %
		Aquatic Acute 1; H400: M=1	
		Aquatic Chronic 1; H410: 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. (caution, fire hazard) 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.

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

May cause an allergic skin reaction.

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. alcohol resistant 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. Nitrogen oxides (NO_x). Sulfur oxides.

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



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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 (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.

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)

Air freshener

SECTION 8: Exposure controls/personal protection

8.1. Control parameters



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Occupational exposure limits

CAS No	Substance	ppm	mg/m ³	fib/cm ³	Category	Origin
34590-94-8	(2-Methoxymethylethoxy)-l-propanol	50	308		TWA (8 h)	

DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
34590-94-8	(2-methoxymethylethoxy)propanol			
Consumer DNEL, long-term		oral	systemic	1,67 mg/kg bw/day
Worker DNEL, long-term		dermal	systemic	65 mg/kg bw/day
Consumer DNEL, long-term		dermal	systemic	15 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	310 mg/m ³
Consumer DNEL, long-term		inhalation	systemic	37,2 mg/m ³

PNEC values

CAS No	Substance	Value
34590-94-8	(2-methoxymethylethoxy)propanol	
Environmental compartment		
Freshwater		19 mg/l
Marine water		1,9 mg/l
Freshwater sediment		70,2 mg/kg
Marine sediment		7,02 mg/kg
Micro-organisms in sewage treatment plants (STP)		4168 mg/l
Soil		2,74 mg/kg

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):

By repeated application: chemically impervious safety gloves made of fluorinated rubber (0.4 mm) or butyl rubber (0.5 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.

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

exceeding exposure limit values: gas filtering equipment (EN 141).



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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid	
Colour:	colourless to yellowish	
Odour:	characteristic	
Melting point/freezing point:		No data available.
Boiling point or initial boiling point and boiling range:		190 °C
Flammability:		not applicable
Lower explosion limits:		No data available.
Upper explosion limits:		No data available.
Flash point:		76 °C
Auto-ignition temperature:		225 °C
Decomposition temperature:		No data available.
pH-Value:		No data available.
Viscosity / kinematic:		No data available.
Water solubility:		No data available.
Solubility in other solvents		
No data available.		
Dissolution rate:		No data available.
Partition coefficient n-octanol/water:		No data available.
Dispersion stability:		No data available.
Vapour pressure:		No data available.
Vapour pressure:		No data available.
Density (at 20 °C):		0,949 g/cm ³
Relative density:		No data available.
Bulk density:		No data available.
Relative vapour density:		No data available.
Particle characteristics:		No data available.

9.2. Other information

Information with regard to physical hazard classes

Explosive properties	
No data available.	
Sustaining combustion:	No data available.
Self-ignition temperature	
Solid:	No data available.
Gas:	No data available.
Oxidizing properties	
No data available.	

Other safety characteristics

Evaporation rate:	No data available.
Solvent separation test:	No data available.
Solvent content:	No data available.
Solid content:	No data available.
Sublimation point:	No data available.
Softening point:	No data available.
Pour point:	No data available.
Viscosity / dynamic:	No data available.
(at 20 °C)	
Flow time:	No data available.

Further Information



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No data available.

SECTION 10: Stability and reactivity

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

During storage and production: contact with heat sources and open flames should be avoided.

10.5. Incompatible materials

strong acids., Alkalis, strong.

10.6. Hazardous decomposition products

In case of fire may be liberated: Carbon monoxide. Carbon dioxide. Nitrogen oxides (NOx). Sulfur oxides.

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.

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
34590-94-8	(2-methoxymethylethoxy)propanol				
	oral	LD50 5000 mg/kg	Rat		OECD 401
	dermal	LD50 9510 mg/kg	Rabbit		
	inhalation (4 h) vapour	LC50 55-60 mg/l	Rat		

Irritation and corrosivity

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

Sensitising effects

May cause an allergic skin reaction. (Linalool; 3,7-Dimethyl-1,6-octadien-3-ol; dl-Linalool (LINALOOL); 4-tert-Butylcyclohexyl acetate (4-tert-BUTYLCYCLOHEXYL ACETATE); (R)-p-mentha-1,8-diene; d-limonene (D-LIMONENE); Linalyl acetate (LINALYL 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); [3R-(3a,3aβ,7β,8aa)]-1-(2,3,4,7,8,8a-hexahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-yl)ethan-1-one (ACETYLCEDRENE); Pentadecan-15-olide (PENTADECALACTONE); (-)-pin-2(10)-ene (BETA-PINENES))

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

Endocrine disrupting properties: 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).

SECTION 12: Ecological information

12.1. Toxicity

Harmful to aquatic life with long lasting effects.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
34590-94-8	(2-methoxymethylethoxy)propanol					
	Acute fish toxicity	LC50 mg/l	>1000	96 h	Pimephales promelas (fathead minnow)	
	Acute algae toxicity	ErC50	969 mg/l	96 h	Selenastrum capricornutum	
	Acute crustacea toxicity	EC50 mg/l	1919	48 h	Daphnia magna (Big water flea)	
	Algae toxicity	NOEC mg/l	1000		algae	

12.2. Persistence and degradability

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
34590-94-8	(2-methoxymethylethoxy)propanol			
	OECD 301E	>70%		
	Easily biodegradable (concerning to the criteria of the OECD)			

12.3. Bioaccumulative potential

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
34590-94-8	(2-methoxymethylethoxy)propanol	-0,35

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment



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The mixture contains the following substances fulfilling the PBT criteria according to REACH, annex XIII:

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).

The mixture contains the following substances fulfilling the vPvB criteria according to REACH, annex XIII:

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).

12.6. Endocrine disrupting properties

Endocrine disrupting properties: 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).

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.

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.

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.



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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

Information according to Directive
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 2019/1021 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):

1 - slightly 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:

(2-methoxymethylethoxy)propanol

Linalool; 3,7-Dimethyl-1,6-octadien-3-ol; dl-Linalool (LINALOOL)

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

(R)-p-mentha-1,8-diene; d-limonene (D-LIMONENE)

Linalyl acetate (LINALYL 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)

[3R-(3a,3aß,7ß,8aa)]-1-(2,3,4,7,8,8a-hexahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-yl)ethan-1-one (ACETYLCEDRENE)

Pentadecan-15-olide (PENTADECALACTONE)

SECTION 16: Other information

Changes

Version 1,00 - 01.12.2023 - first creation



Safety Data Sheet

Gries Deco Company GmbH

according to Regulation (EC) No 1907/2006

Dufträume

WE ARE: ipuro re:fresh

Revision date: 01.12.2023

Product code: GDC-689

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Abbreviations and acronyms

Flam. Liq: Flammable liquid
Asp. Tox: Aspiration hazard
Skin Irrit: Skin irritation
Eye Irrit: Eye irritation
Skin Sens: Skin sensitisation
Aquatic Acute: Acute aquatic hazard
Aquatic Chronic: Chronic aquatic hazard
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
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
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.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.

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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.
EUH066	Repeated exposure may cause skin dryness or cracking.

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 relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)