

Trade name: Pulvessence orange 5000

Substance number: 325860

Version: 1 / CH

Date revised: 12.04.2021

Replaces Version: - / CH

Print date: 12.04.21

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

1.1. Product identifier

Pulvessence orange 5000

Item No. 32586000

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

Use of the substance/preparation

Manufacture of pharmaceutical products

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

Hänseler AG

Industriestrasse 35

9100 Herisau

Telephone no. 0041 (0)71 353 58 58

E-mail address of sdb@haenseler.ch

person responsible

for this SDS

1.4. Emergency telephone number

Switzerland :145 / Abroad +41 (0)44 251 51 51

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)

Skin Sens. 1 H317

Aquatic Chronic 3 H412

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

For explanation of abbreviations see section 16.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Warning

Hazard statements

H317

May cause an allergic skin reaction.

H412

Harmful to aquatic life with long lasting effects.

Precautionary statements

P261

Avoid breathing dust/fume/gas/mist/vapours/spray.

P273

Avoid release to the environment.

P280

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

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P302+P352 IF ON SKIN: Wash with plenty of soap and water.
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
 P501.3 Disposal in compliance with local and national regulations.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

contains trans-1-methyl-4-(1-methylvinyl)cyclohexene; 3,7-Dimethyl-1,6-octadien-3-ol;
 Neryl acetate; citral

SECTION 3: Composition/information on ingredients**Hazardous ingredients****trans-1-methyl-4-(1-methylvinyl)cyclohexene**

CAS No.	138-86-3				
EINECS no.	205-341-0				
Concentration	>=	1	<	2.5	%
Classification (Regulation (EC) No. 1272/2008)					
	Flam. Liq. 3		H226		
	Asp. Tox. 1		H304		
	Skin Irrit. 2		H315		
	Skin Sens. 1		H317		
	Aquatic Acute 1		H400		
	Aquatic Chronic 1		H410		

Concentration limits (Regulation (EC) No. 1272/2008)

Aquatic Acute 1	M = 1
Aquatic Chronic 1	M = 1

CLP Regulation (EC) No 1272/2008, Annex VI, Note C

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

CAS No.	78-70-6				
EINECS no.	201-134-4				
Concentration	>=	0.1	<	1	%
Classification (Regulation (EC) No. 1272/2008)					
	Skin Irrit. 2		H315		
	Eye Irrit. 2		H319		
	Skin Sens. 1B		H317		

Neryl acetate

CAS No.	141-12-8				
EINECS no.	205-459-2				
Concentration	>=	0.1	<	1	%
Classification (Regulation (EC) No. 1272/2008)					
	Skin Sens. 1B		H317		

citral

CAS No.	5392-40-5				
EINECS no.	226-394-6				
Concentration	>=	0.1	<	1	%
Classification (Regulation (EC) No. 1272/2008)					
	Skin Irrit. 2		H315		
	Eye Irrit. 2		H319		
	Skin Sens. 1		H317		

SECTION 4: First aid measures

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4.1. Description of first aid measures

After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment. If the patient is likely to become unconscious, place and transport in stable sideways position.

After skin contact

Wash off immediately with soap and water and rinse well. Consult a doctor if skin irritation persists.

After eye contact

In case of contact with eyes rinse thoroughly with water. By continuous complaints consult a physician.

After ingestion

Summon a doctor immediately.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide, Dry powder, Water spray jet, Alcohol-resistant foam

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective clothing. High risk of slipping due to leakage/spillage of product.

6.2. Environmental precautions

Do not allow to enter drains or waterways.

6.3. Methods and material for containment and cleaning up

Take up mechanically and collect in suitable container for disposal. Provide adequate ventilation.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

7.2. Conditions for safe storage, including any incompatibilities

Storage classes

Storage class according to TRGS 510	13	Non- combustible solids
Storage category (Switzerland)	11/13	Other solid hazardous substances with classification/labelling hazardous

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

General protective and hygiene measures

Observe the usual precautions for handling chemicals.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection

necessary

Eye protection

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Safety glasses

Body protection

Protective clothing

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

Form	Powder
Colour	light yellow
Odour	characteristic
Flash point	
Value	°C
Remarks	Not applicable
Vapour pressure	
Remarks	Not applicable

SECTION 10: Stability and reactivity**10.1. Reactivity**

No decomposition if stored and applied as directed.

10.2. Chemical stability

No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

No hazardous reactions known.

10.5. Incompatible materials

None known

10.6. Hazardous decomposition products

Carbon monoxide and carbon dioxide

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute oral toxicity (Components)****citral**

Species	Rats (male/female)	
LD50	6800	mg/kg

citral

Species	rat (female)	
LOAEL	335	mg/kg

citral

Species	rat (male)	
LOAEL	345	mg/kg

Acute dermal toxicity (Components)**citral**

Species	Rats (male/female)	
	> 2000	mg/kg

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Acute inhalative toxicity (Components)**citral**

Remarks No data available.

Skin corrosion/irritation (Components)**citral**

Species rabbit

evaluation irritant

Remarks Irritating to skin.

Serious eye damage/irritation (Components)**citral**

Species rabbit

evaluation irritant

Method OECD 405

Remarks Irritates the eyes.

Sensitization (Components)**citral**

Species mouse

evaluation sensitizing

Method OECD 429

Mutagenicity (Components)**citral**

Species hamster

evaluation No experimental information on genotoxicity in vitro available.

Remarks negative

citral

Species mouse

Remarks negative

Reproduction toxicity (Components)**citral**

Remarks No data available.

Carcinogenicity (Components)**citral**

Remarks No data available.

Specific Target Organ Toxicity (STOT) (Components)**citral**

Remarks Not applicable

SECTION 12: Ecological information**12.1. Toxicity****Fish toxicity (Components)****citral**Species golden orfe (*Leuciscus idus*)

LC50 6.78 mg/l

Duration of exposure 96 h

Method DIN 38412 T.15

Daphnia toxicity (Components)**citral**

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Species	Daphnia magna		
EC50	6.8		mg/l
Duration of exposure	48	h	

Algae toxicity (Components)**citral**

Species	Desmodesmus subspicatus		
EC50	-	72	to 103.8 mg/l
Duration of exposure	-	72	h

Bacteria toxicity (Components)**citral**

Remarks No data available.

12.2. Persistence and degradability**Physico-chemical eliminability (Components)****citral**

Remarks No data available.

Biodegradability (Components)**citral**

Value evaluation	85	to	95	%
Method	Readily biodegradable OECD 301C			

Ready degradability (Components)**citral****Chemical oxygen demand (COD) (Components)****citral**

Remarks No data available.

Biochemical oxygen demand (BOD5) (Components)**citral**

Remarks No data available.

12.3. Bioaccumulative potential**Octanol/water partition coefficient (log Pow) (Components)****citral**

log Pow	2.9		
Temperature	25	°C	

Bioconcentration factor (BCF) (Components)**citral**

Remarks No data available

12.4. Mobility in soil**General information**

There is no data available on the product apart from the information given in this subsection.

12.5. Results of PBT and vPvB assessment**Evaluation of persistence and bioaccumulation potential**

The Substance doesn't meets PBT/vPvB-criteria

SECTION 13: Disposal considerations

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13.1. Waste treatment methods**Disposal recommendations for the product**

Incineration in suitable incineration plant, observing local authority regulations.

Disposal recommendations for packaging

Disposal in compliance with local and national regulations.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	The product does not constitute a hazardous substance in land transport.	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Water Hazard Class (Germany)**

Water Hazard Class (Germany) WGK 3

Remarks Derivation of WGK according to Annex 1 No. 5.2 AwSV

SECTION 16: Other information**Hazard statements listed in Chapter 3**

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.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

CLP categories listed in Chapter 3

Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic, Category 1
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2	Eye irritation, Category 2
Flam. Liq. 3	Flammable liquid, Category 3
Skin Irrit. 2	Skin irritation, Category 2
Skin Sens. 1	Skin sensitization, Category 1
Skin Sens. 1B	Skin sensitization, Category 1B

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.