

Trade name: Balsamum toltanum

Substance number: 041050

Version: 3 / CH

Date revised: 26.08.2020

Replaces Version: 2 / CH

Print date: 26.08.20

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

1.1. Product identifier

Balsamum toltanum

Item No. 04105000

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

Use of the substance/preparation

industry of perfume, pharmacy

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 Irrit. 2 H315

Eye Dam. 1 H318

Skin Sens. 1 H317

STOT RE 1 H372

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 ***

Danger

Hazard statements ***

H315

Causes skin irritation.

H318

Causes serious eye damage.

H317

May cause an allergic skin reaction.

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H372 Causes damage to organs through prolonged or repeated exposure.
 H412 Harmful to aquatic life with long lasting effects.

Precautionary statements ***

P260 Do not breathe dust/fume/gas/mist/vapours/spray.
 P273 Avoid release to the environment.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310 Immediately call a POISON CENTER or doctor.
 P501.3 Disposal in compliance with local and national regulations.

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

contains *** Cinnamaldehyde ; Gum benzoin; benzoic acid

SECTION 3: Composition/information on ingredients *****Hazardous ingredients *******Gum benzoin**

CAS No. 9000-05-9
 EINECS no. 232-523-7
 Concentration >= 50 %
 Classification (Regulation (EC) No. 1272/2008)
 Skin Irrit. 2 H315
 Skin Sens. 1 H317
 Eye Irrit. 2 H319
 Aquatic Chronic 3 H412

benzoic acid

CAS No. 65-85-0
 EINECS no. 200-618-2
 Registration no. 01-2119455536-33
 Concentration >= 10 < 25 %
 Classification (Regulation (EC) No. 1272/2008)
 Skin Irrit. 2 H315
 Eye Dam. 1 H318
 STOT RE 1 H372
 Lungs; Route of exposure: inhalative

Cinnamaldehyde

CAS No. 104-55-2
 EINECS no. 203-213-9
 Concentration >= 1 < 10 %
 Classification (Regulation (EC) No. 1272/2008)
 Acute Tox. 4 H312
 Skin Irrit. 2 H315
 Skin Sens. 1 H317
 Eye Irrit. 2 H319

Vanillin

CAS No. 121-33-5
 EINECS no. 204-465-2
 Concentration >= 1 < 10 %
 Classification (Regulation (EC) No. 1272/2008)
 Eye Irrit. 2 H319

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SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

If decomposition products are inhaled, remove the affected person to a source of fresh air and keep him calm. Provide medical aid.

After skin contact

Wash off immediately with soap and water.

After eye contact

Remove contact lenses. Separate eyelids, wash the eyes thoroughly with water (15 min.). Summon a doctor immediately.

After ingestion

Call in a physician immediately and show him the Safety Data Sheet. Do not induce vomiting.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide, Dry powder, Foam

Non suitable extinguishing media

Water spray jet

5.2. Special hazards arising from the substance or mixture

In the event of fire the following can be released: Carbon monoxide (CO); Carbon dioxide (CO₂)

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Use self-contained breathing apparatus.

Other information

Collect contaminated fire-fighting water separately, must not be discharged into the drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective clothing.

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. Clean up affected area.

6.4. Reference to other sections

Information regarding waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Smoking, eating and drinking should be prohibited in application area. Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

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Requirements for storage rooms and vessels

Keep tightly closed in a dry and cool place.

Hints on storage assembly

Do not store with combustible materials.

Storage classes

Storage class according to TRGS 510	6.1D	Non-combustible substances of acute toxicity, category 3 / hazardous substances that are toxic or produce chronic effects
Storage category (Switzerland)	6.1	Toxic substances

SECTION 8: Exposure controls/personal protection *****8.2. Exposure controls****General protective and hygiene measures**

Do not eat, drink or smoke during work time. Avoid contact with skin and eyes.

Respiratory protection

Dust mask

Hand protection

The glove material must be sufficient impermeable and resistant to the substance. Check the tightness before wear. Gloves should be well cleaned before being removed, then stored in a well ventilated location.

Appropriate Material	PVC
Appropriate Material	Natural Latex

Eye protection

Safety glasses with side protection shield

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

Form	solid
Colour	red
Odour	aromatic
Colour	green
Melting point	
Remarks	not determined
Flash point	
Value	> 100 °C
Method	closed cup
Solubility in water	
Remarks	immiscible

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

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No decomposition if stored and applied as directed.

10.4. Conditions to avoid

No decomposition if stored and applied as directed.

10.5. Incompatible materials

Strong oxidising agents

10.6. Hazardous decomposition products

No hazardous decomposition products known when handled according to prescribed instructions.

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

Species	mouse		
LD50		2250	mg/kg
Method	OECD 401		

Acute dermal toxicity

ATE	>	10'000	mg/kg
Method	calculated value (Regulation (EC) No. 1272/2008)		

Acute dermal toxicity (Components)**benzoic acid**

Species	rabbit		
LD50	>	2000	mg/kg

Acute inhalative toxicity (Components)**benzoic acid**

Species	rat		
LD50	>	12.2	mg/l
Duration of exposure		4	h
Method	Value taken from the literature		

Skin corrosion/irritation

Remarks	slightly irritating (skin)
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Serious eye damage/irritation

Remarks	slightly irritating (Eye)
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Sensitization

Remarks	Deposition of silver in different organs; mor sensitive organs: eyes, kidneys.
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Carcinogenicity (Components)**benzoic acid**

evaluation	No indications of carcinogenic effects are available from long-term trials.
Source	Literature value

SECTION 12: Ecological information**12.1. Toxicity****General information**

There are no data available on the mixture itself.

Fish toxicity

Remarks	No data available.
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Fish toxicity (Components)**benzoic acid**

Species	Bluegill (<i>Lepomis macrochirus</i>)	
LC50	44.6	mg/l
Duration of exposure	96	h
Source	Literature value	

benzoic acid

Species	rainbow trout (<i>Oncorhynchus mykiss</i>)	
NOEC	> 120	mg/l
Duration of exposure	28	d
Source	Literature value	

Daphnia toxicity

Remarks	No data available.
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Daphnia toxicity (Components)**benzoic acid**

Species	Daphnia magna	
EC50	> 100	
Duration of exposure	48	h
Source	Literature value	

benzoic acid

Species	Daphnia magna	
NOEC	>= 25	mg/l
Duration of exposure	21	d
Method	OECD 211	
Source	Literature value	

Algae toxicity

Remarks	No data available.
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Algae toxicity (Components)**benzoic acid**

Species	Pseudokirchneriella subcapitata	
EC50	> 33.1	
Duration of exposure	72	h
Method	OECD 201	
Source	Literature value	

Bacteria toxicity

Remarks	No data available.
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12.2. Persistence and degradability**General information**

No data available

Biodegradability

Remarks	No data available.
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12.4. Mobility in soil**General information**

No data available

12.5. Results of PBT and vPvB assessment**General information**

No data available

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12.6. Other adverse effects**General information**

No data available

General information / ecology

Do not allow it to reach ground water, water bodies or sewage system.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations for the product**

Disposal in compliance with local and national regulations.

Disposal recommendations for packaging

Uncontaminated packaging may be taken for recycling.

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

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

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

H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H372	Causes damage to organs through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.

CLP categories listed in Chapter 3

Acute Tox. 4	Acute toxicity, Category 4
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic, Category 3
Eye Dam. 1	Serious eye damage, Category 1
Eye Irrit. 2	Eye irritation, Category 2
Skin Irrit. 2	Skin irritation, Category 2

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Skin Sens. 1
STOT RE 1

Skin sensitization, Category 1
Specific target organ toxicity - repeated exposure, Category 1

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.