



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

1.1 Product identifier

Trade name: Holzbalsam

UFI: 3M00-W0U8-Y006-FRD8

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

Application of the substance / the mixture Maintains and protects all impregnated wood surfaces.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Uni Sapon GmbH

Industriepark Runa

Albert-Schädler-Straße 7

A-6800 Feldkirch

T: +43 5522 23440

Email: office@uni-sapon.com

Further information obtainable from:

Marion Reichart

Email: marion@uni-sapon.com

1.4 Emergency telephone number:

+43 5522 23440

Available during office hours:

Mo - Th: 08.00 - 12.00 h und 13.30 - 16.30 h

Fr: 08.00 - 12.00 h

Call the national emergency number!

* SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Flam. Liq. 3 H226 Flammable liquid and vapour.

Skin Irrit. 2 H315 Causes skin irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

Additional information: For the wording of the hazard categories, see section 16.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

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Trade name: Holzbalsam

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Hazard pictograms



Signal word Danger

Hazard-determining components of labelling:

Orange, sweet, extr. (Orangeoil sweet)

Pine, Pinus mugo, extr. (Mountain pine oil)

Hazard statements

H226 Flammable liquid and vapour.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H304 May be fatal if swallowed and enters airways.

H411 Toxic 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.

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

P261 Avoid breathing mist/vapours/spray.

P280 Wear protective gloves.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P331 Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: The mixture does not contain PBT substances $\geq 0,1$ %.

vPvB: The mixture does not contain vPvB substances $\geq 0,1$ %.

Determination of endocrine-disrupting properties

The product does not contain substances with endocrine-disrupting properties ≥ 0.1 %(w/w).

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

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Trade name: Holzbalsam

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Dangerous components:

[% (w/w)]

<p>CAS: 8028-48-6 EINECS: 232-433-8 Reg.nr.: 01-2119493353-35-XXXX</p>	<p>Orange, sweet, extr. (Orangeoil sweet) Consisting of: 5989-27-5 (R)-p-mentha-1,8-diene (96%); 5392-40-5 Citral (1%); 78-70-6 Linalool (1%) Alternative CAS number: 8008-57-9</p> <p> Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 Skin Irrit. 2, H315; Skin Sens. 1, H317 </p>	<p>70-90%</p>
<p>CAS: 90082-72-7 EINECS: 290-163-6 Reg.nr.: 01-2120110812-70-XXXX</p>	<p>Pine, Pinus mugo, extr. (Mountain pine oil) Consisting of: 80-56-8 alpha-Pinene (10 – 35%); 13466-78-9 delta-3-Carene (5 – 25%); 555-10-2 beta-Phellandrene (8 – 19%); 127-91-3 beta-Pinene (2 – 18%); 123-35-3 Myrcene (3 – 15%) Alternative CAS number: 8000-26-8</p> <p> Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317 </p>	<p><2.5%</p>

Additional information: For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information:

In case of discomfort or doubt, seek medical advice.

If unconscious, use a stable lateral position and do not administer anything through mouth.

Immediately remove any clothing soiled by the product.

After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

After skin contact:

Immediately wash with water and soap and rinse thoroughly.

Take off contaminated clothing and wash it before reuse.

Seek medical treatment.

After eye contact:

Rinse opened eye for several minutes under running water.

Remove contact lenses, if present and easy to do. Continue rinsing.

Seek medical treatment in case of complaints.

After swallowing:

Rinse mouth.

Do NOT induce vomiting.

Call a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

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**Trade name: Holzbalsam**

(Contd. of page 3)

4.3 Indication of any immediate medical attention and special treatment needed

Depending on the condition of the patients, the doctor must assess the symptoms and the overall general condition.

SECTION 5: Firefighting measures**5.1 Extinguishing media****Suitable extinguishing agents:**

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: Water with full jet

5.2 Special hazards arising from the substance or mixture

In case of fire, the following can be released:

CO_x

5.3 Advice for firefighters**Protective equipment:**

Wear self-contained respiratory protective device.

Wear fully protective suit.

Additional information

Cool endangered receptacles with water spray.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Restricted access to the affected area until cleaning work is completed.

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

Avoid contact with skin and eyes.

Do not breathe vapour/spray.

Particular danger of slipping on leaked/spilled product.

Keep away from ignition sources.

6.2 Environmental precautions:

Do not allow to enter sewers/ surface or ground water.

Inform respective authorities in case of seepage into water course or sewage system.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding, inert material (sand, diatomite, acid binders, universal binders).

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Ensure good ventilation/exhaustion at the workplace.
- Keep receptacles tightly sealed.
- Prevent formation of aerosols.
- Avoid contact with skin and eyes.
- Avoid breathing mist/vapours/spray.
- Use personal protective equipment as required.
- Observe protective measures and safety instructions.

Information about fire - and explosion protection:

- Keep ignition sources away - Do not smoke.
- Protect against electrostatic charges.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

- Store in a dry, cool, well-ventilated area.
- Store in accordance with local/regional/national/international regulations.

Information about storage in one common storage facility: Store away from foodstuffs.

Further information about storage conditions:

- Keep container tightly sealed.
- Protect from heat and direct sunlight.

Recommended storage temperature: room temperature

Storage class: 3

7.3 Specific end use(s) No further relevant information available.

*** SECTION 8: Exposure controls/personal protection**

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

DNELs		
CAS: 8028-48-6 Orange, sweet, extr. (Orangeoil sweet)		
Oral	Long-term exposure - systemic effects	4.44 mg/kg bw/d (consumer)
Dermal	Long-term exposure - systemic effects	4.44 mg/kg bw/d (consumer)
		8.89 mg/kg bw/d (workers)
	short-term exposure - local effects	0.0929 mg/cm ² (consumer)
		0.1858 mg/cm ² (workers)
Inhalative	Long-term exposure - systemic effects	7.78 mg/m ³ (consumer)
		31.1 mg/m ³ (workers)

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PNECs**CAS: 8028-48-6 Orange, sweet, extr. (Orangeoil sweet)**

fresh water	5.4 µg/l
sea water	0.54 µg/l
intermittent release (fresh water)	5.77 µg/l
STP	2.1 mg/l
sediment (fresh water)	1.3 mg/kg dw
sediment (sea water)	0.13 mg/kg dw
soil	0.261 mg/kg dw

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls**Appropriate engineering controls**

No further data; see section 7.

Technical measures and the use of suitable working methods take priority over the use of personal protective equipment.

Individual protection measures, such as personal protective equipment**General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Do not eat or drink while working.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Immediately remove all soiled and contaminated clothing.

Do not inhale gases / fumes / aerosols.

Ensure good ventilation/exhaustion at the workplace.

Protective clothing needs to be selected specifically for the workplace, depending on concentrations and quantities of the hazardous substances handled. The chemical resistance of the protective equipment should be enquired at the respective supplier.

Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation.

Hand protection

Protective gloves

EN 374

The glove material has to be impermeable and resistant to the product/ the substance/ the mixture.

Material of gloves

Nitrile rubber, NBR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

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**Trade name: Holzbalsam**

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Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye/face protection

Tightly sealed goggles

EN 166

Body protection: Protective work clothing**Environmental exposure controls**

Inform respective authorities in case of seepage into water course or sewage system.

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

Physical state	Fluid
Colour:	Yellowish
Odour:	Orange
Odour threshold:	No information available.
Melting point/freezing point:	No information available.
Boiling point or initial boiling point and boiling range	180 °C
Flammability	Not applicable.
Lower and upper explosion limit	
Lower:	No information available.
Upper:	No information available.
Flash point:	60 °C (DIN 55719)
Decomposition temperature:	No information available.
pH	Not determined.
Viscosity:	
Kinematic viscosity	No information available.
Dynamic:	No information available.
Solubility	
water:	Not miscible or difficult to mix.
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure:	Not determined.
Density and/or relative density	
Density at 20 °C:	0.85 - 0.86 g/cm ³ (DIN 2811-3)
Vapour density	No information available.

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Trade name: Holzbalsam

(Contd. of page 7)

9.2 Other information

Appearance:

Form: Fluid

Important information on protection of health and environment, and on safety.

Ignition temperature: Product is not selfigniting.

Explosive properties: Product does not present an explosion hazard.

Change in condition

Softening point/range

Oxidising properties

No information available.

Evaporation rate

No information available.

Information with regard to physical hazard

classes

Explosives void

Flammable gases void

Aerosols void

Oxidising gases void

Gases under pressure void

Flammable liquids Flammable liquid and vapour.

Flammable solids void

Self-reactive substances and mixtures void

Pyrophoric liquids void

Pyrophoric solids void

Self-heating substances and mixtures void

Substances and mixtures, which emit flammable gases in contact with water void

Oxidising liquids void

Oxidising solids void

Organic peroxides void

Corrosive to metals void

Desensitised explosives void

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.

10.2 Chemical stability No decomposition if used and stored according to specifications.

10.3 Possibility of hazardous reactions

Reacts with oxidising agents.

Reacts with acids.

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: No dangerous decomposition products known.

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*** 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.**LD/LC50 values relevant for classification:****CAS: 8028-48-6 Orange, sweet, extr. (Orangeoil sweet)**

Oral	LD50	> 5,000 mg/kg (rat)
Dermal	LD50	> 5,000 mg/kg (Rabbit)

CAS: 90082-72-7 Pine, Pinus mugo, extr. (Mountain pine oil)

Oral	LD50	> 5,000 mg/kg (rat)
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Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation Based on available data, the classification criteria are not met.**Respiratory or skin sensitisation**

May cause an allergic skin reaction.

Germ cell mutagenicity Based on available data, the classification criteria are not met.**Carcinogenicity** Based on available data, the classification criteria are not met.**Reproductive toxicity** Based on available data, the classification criteria are not met.**STOT-single exposure** Based on available data, the classification criteria are not met.**STOT-repeated exposure** Based on available data, the classification criteria are not met.**Aspiration hazard**

May be fatal if swallowed and enters airways.

11.2 Information on other hazards**Endocrine disrupting properties**

None of the ingredients is listed.

*** SECTION 12: Ecological information****12.1 Toxicity****Aquatic toxicity:****CAS: 90082-72-7 Pine, Pinus mugo, extr. (Mountain pine oil)**

LL50 (96 h)	4 mg/l (fish)
EL50 (48 h)	2.4 mg/l (daphnia)
ErL50 (72 h)	4.1 mg/l (algae)

12.2 Persistence and degradability No further relevant information available.**12.3 Bioaccumulative potential** No further relevant information available.**12.4 Mobility in soil** No further relevant information available.**12.5 Results of PBT and vPvB assessment****PBT:** The mixture does not contain PBT substances $\geq 0,1$ %.**vPvB:** The mixture does not contain vPvB substances $\geq 0,1$ %.**12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

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Trade name: **Holzbalsam**

(Contd. of page 9)

12.7 Other adverse effects

Remark: Toxic for fish

Additional ecological information:

General notes:

Toxic to aquatic life with long lasting effects.

Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Only dispose of product residues via authorised companies according to local legislation.

European waste catalogue

Notes: The European Waste Catalogue (EWC) classifies waste materials and categorises them according to what they are and how they were produced. This may cause other classifications. The final decision belongs to the last user.

20 01 26*	oil and fat other than those mentioned in 20 01 25
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Uncleaned packaging:

Recommendation:

Dispose of packaging according to regulations on the disposal of packagings.

Packagings that may not be cleansed are to be disposed of in the same manner as the product.

SECTION 14: Transport information

14.1 UN number or ID number

ADR/RID/ADN, IMDG, IATA

UN1993

14.2 UN proper shipping name

ADR/RID/ADN

1993 FLAMMABLE LIQUID, N.O.S. (Orange, sweet, extr. (Orangeoil sweet)), ENVIRONMENTALLY HAZARDOUS

IMDG

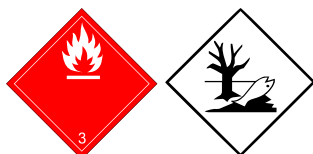
FLAMMABLE LIQUID, N.O.S. (Orange, sweet, extr. (Orangeoil sweet), PINE OIL), MARINE POLLUTANT

IATA

FLAMMABLE LIQUID, N.O.S. (Orange, sweet, extr. (Orangeoil sweet))

14.3 Transport hazard class(es)

ADR/RID/ADN, IMDG



Class

3 Flammable liquids.

(Contd. on page 11)

**Trade name: Holzbalsam**

(Contd. of page 10)

Label

3

IATA**Class**

3 Flammable liquids.

Label

3

14.4 Packing group**ADR/RID/ADN, IMDG, IATA**

III

14.5 Environmental hazards:

Product contains environmentally hazardous substances: Orange, sweet, extr. (Orangeoil sweet)

Marine pollutant:

Symbol (fish and tree)

Special marking (ADR/RID/ADN):

Symbol (fish and tree)

14.6 Special precautions for user

Warning: Flammable liquids.

Hazard identification number (Kemler code):

30

EMS Number:

F-E, S-E

Stowage Category

A

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

Not applicable.

Transport/Additional information:**ADR/RID/ADN****Limited quantities (LQ)**

5L

Excepted quantities (EQ)

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

Transport category

3

Tunnel restriction code

D/E

IMDG**Limited quantities (LQ)**

5L

Excepted quantities (EQ)

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

UN "Model Regulation":

UN 1993 FLAMMABLE LIQUID, N.O.S. (ORANGE, SWEET, EXTR. (ORANGE OIL SWEET)), 3, III, ENVIRONMENTALLY HAZARDOUS

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****Directive 2012/18/EU****Named dangerous substances - ANNEX I** None of the ingredients is listed.

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**Trade name: Holzbalsam**

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Seveso category

E2 Hazardous to the Aquatic Environment

P5c FLAMMABLE LIQUIDS

Qualifying quantity (tonnes) for the application of lower-tier requirements 200 t**Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t**REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3**DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

REGULATION (EU) 2019/1148**Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

National regulations:**Information about limitation of use:** Employment restrictions concerning juveniles must be observed.**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

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.

H411 Toxic to aquatic life with long lasting effects.

Training hints

Regular training of staff involved in the transport of dangerous goods (in accordance with Chapter 1.3 ADR).

Before handling, storage or use for the first time, employees must be informed about the properties of the substance and about measures taken to ensure safety and environmental protection.

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**Trade name: Holzbalsam**

(Contd. of page 12)

Classification according to Regulation (EC) No 1272/2008	
Flammable liquids	On basis of test data
Skin corrosion/irritation Skin sensitisation Aspiration hazard Hazardous to the aquatic environment - long-term (chronic) aquatic hazard	The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

Department issuing SDS:

UmEnA GmbH

<http://umena.at>Email: office@umena.at**Date of previous version:** 16.03.2023**Version number of previous version:** 1.3**Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 3: Flammable liquids – Category 3

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

*** Data compared to the previous version altered.**