



**1 Name of the material or preparation and of the company**

**1.1 Product identifier**

Trade name: Peclavus POD0med Tea Tree Oil (Peclavus POD0med Teebaumöl)

**1.2 Use of the substance / the preparation:**

Room aromatisation.

As a diluent in cosmetic products.

**1.3 Relevant identified use of the substance or mixture and unadvised use**

Not defined.

**1.4 Particulars of the supplier preparing the Safety Data Sheet**

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**1.5 Emergency information**

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## 2 Possible dangers

### 2.1 Classification of the substance or mixture, allocation according to the Directive (EG) No. 1272/2008



Hazard

H304

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



Caution

H226

Flammable liquid and vapour. Flam. Liq.3



Caution

H302

Harmful if swallowed. Acute Tox.4

H315

Causes skin irritation. Skin Irrit.2

H332

Harmful if inhaled. Acute Tox.4



H411

Toxic to aquatic organisms with long-lasting effects. Aquatic Chronic 2

## 2.2 Labelling elements

### Labeling according to Regulation (EC) No.1272/2008

The product is classified and labelled in accordance with the CLP Regulation.

#### Hazard symbols

GHS02, GHS07, GHS08, GHS09

#### Signal word:

Danger

#### Hazard warnings

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H332	Harmful if inhaled.
H411	Toxic to aquatic organisms with long-lasting effects.

#### Safety information

P262	Do not get in eyes, on skin or on clothing.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician.
P301+P312	IF SWALLOWED: Call a POISON CENTRE or doctor/physician if you feel unwell.
P302+P352	UPON CONTACT WITH SKIN: Wash with plenty of soap and water.
P303+P361+P353	UPON CONTACT WITH SKIN [or hair]: Remove/take off all contaminated clothing immediately. Wash skin with water [or shower].
P304+P340	IF INHALED: Move the victim into fresh air and keep resting in a position comfortable for breathing.
P312	Call a POISON CENTRE or doctor/physician if you feel unwell.
P331	Do NOT induce vomiting.
P405	Store locked up.
P102	Keep out of reach of children.

### 2.3 Other hazards

The product is not considered as PBT. The product is not considered as vPvB. This product does not contain ingredients that are considered to be harmful to the endocrine system in quantities of 0.1% or more in accordance with Article 57(f) of the REACH Regulation or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

## 3 Composition / information on ingredients

### 3.1 Substances

This product is an essential oil.

#### Tea tree oil:

CAS No:85085-48-9 / EC No:285-377-1

#### Acute oral toxicity estimate (ATE)

1691 mg/kg body weight

## 4 First aid measures

### 4.1 Description of first aid measures

#### General information:

Do not leave victims unattended. Remove casualties from the hazard zone. Keep any affected persons calm, cover them and keep them warm. Immediately remove soiled and impregnated clothing.

Seek medical advice should symptoms develop or if in doubt.

#### After inhalation:

Move the affected persons out of the danger zone. In the event of irregular breathing or respiratory arrest, immediately seek medical assistance and initiate first aid measures.

Seek medical attention if the respiratory tract is irritated. Ensure that there is fresh air.

#### After contact with skin:

Immediately remove contaminated clothing, shoes and socks. After contact with skin, wash with plenty of soap and water.

Seek medical advice if skin irritation continues.

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**After eye contact:**

Remove any contact lenses, if possible. Spread open the eyelids, flush eyes thoroughly with water (15 min). With continuing difficulties see a doctor.

**After ingestion:**

Do NOT induce vomiting - respiratory hazard. Immediately consult a doctor and present them with the material safety data sheet. Do not administer anything by mouth to unconscious people.

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

No data available.

**4.3 Information about immediate medical attention or special treatment needed**

Consult a doctor immediately in the event of an accident or if you feel unwell (showing the instructions for use or the material safety data sheet if possible).

In all cases discuss any indications for the application of an antidote with the Poison Information Centre mentioned above.

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

Extinguishing powder, water spray jet, alcohol-resistant foam

**Unsuitable extinguishing media (for safety reasons):**

Full jet of water

**5.2 Special hazards, arising from the substance or mixture**

Can be released in case of fire: carbon dioxide, carbon monoxide

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**5.3 Information for fire-fighting:**

Do not inhale explosion gases and fumes. Use extinguishing measures appropriate for the surroundings. Do not allow extinguishing water to enter canals and bodies of water. Collect contaminated extinguishing water separately.

Employ the usual measures to fight a fire from an appropriate distance.

Heating increases pressure and risk of rupture of the containers. Cool containers at risk with a spray water jet. Wear air-independent respiratory protection equipment and chemical protective suit. Take care when using carbon dioxide in enclosed areas. Carbon dioxide can displace oxygen.

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## 6 Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Move people to safety. Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation. Avoid contact with the eyes and skin.

#### Information for persons not trained for emergency cases:

Move people to safety.

Observe protection regulations (see sections 7 and 8).

Ensure adequate ventilation.

Keep away from sources of ignition.

Avoid contact with skin, eyes and clothing.

#### Emergency services:

Use protective clothing as mentioned in Section 8.

### 6.2 Environmental precautions

Do not discharge into the sewage system/surface water/groundwater.

Inform the responsible authorities in the event of gas leakage or entry into watercourses, soil or the sewage system.

Retain contaminated washing water and dispose of it separately.

### 6.3 Methods and materials for containment and cleaning

Soak up with absorbent liquid (sand, diatomaceous earth, acid binder, universal binder, sawdust). Dispose of in suitable recycling or disposal containers. Ensure adequate ventilation.

### 6.4 Reference to other sections

No data available.

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## 7 Handling and storage

### 7.1 Protective measures for safe handling

#### Instructions for safe handling

Ensure good room ventilation; if necessary ventilate at the work place. Reduce the risk when handling the product to a minimum by applying protective and preventative measures. Insofar as is possible with the state of the technology, design the working procedures in such a way that dangerous substances are not released or contact with the skin is ruled out.

#### General protection and hygiene measures

Observe the normal precautionary measures when handling chemicals. Do not smoke, eat or drink at work. Keep away from foodstuffs and drinks. Wash hands before breaks and after work. Avoid contact with the skin and eyes. Immediately remove soiled and impregnated clothing. Do not inhale condensates.

#### Information on fire and explosion protection

Keep away from heat sources and sources of ignition.

### 7.2 Conditions for safe storage taking incompatibility into account

#### Requirements for storage rooms and containers

Store in original containers. Keep containers tightly sealed. Store in a cool, dry, well-ventilated place. Protect from direct sunlight. Prevent the ingress of air/oxygen. Keep away from foodstuffs, drinks and animal feeds. Use only approved packaging (e.g. according to ADR). Store locked up.

#### Segregation instructions (according to TRGS 510):

Storage class: 3

Do not store together with: oxidants; acids

### 7.3 Specific end uses

No information available.

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## 8 Exposure controls/personal protection

### 8.1 Parameters to be adhered to

No data available.

### 8.2 Limiting and monitoring of exposure controls

#### Suitable technical control installations

General ventilation.

#### Personal protective equipment:

##### Respiratory protection

Suitable breathing apparatus must be worn if the workplace limit values are exceeded. If no workplace limit values are in place, then sufficient breathing protection measures must be undertaken if aerosols and mists form.

##### Hand protection

The use of gloves, tested to EN 374 etc., provide adequate protection where there is a risk of skin contact with the product.

In any case, the glove should be tested for its workplace-specific suitability (e.g. mechanical strength, product compatibility, anti-static). Follow the glove manufacturer's information and instructions about use, storage, care and replacement of the gloves. Immediately replace protective gloves should they become damaged or with the first signs of wear. Arrange working processes in such a manner that gloves do not have to be worn constantly.

##### Eye protection

If possible, do not use contact lenses.

When refilling, wear tight-fitting safety goggles in accordance with EN 166.

##### Other protection measures

Chemical-resistant clothing.

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## 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance:	Clear
aggregate state:	Liquid
Colour:	Colourless - pale yellow
Odour:	Characteristic, spicy, fresh

### Safety-relevant data

Risk of explosion:

The product is not at risk of explosion, but the formation of explosive vapour/air mixtures is possible.

Lower explosive limit:	Not determined
Upper explosive limit:	Not determined
Vapour pressure (Pa):	2100
Density (20°C):	0.885 - 0.906 g/cm <sup>3</sup>
Water solubility:	Not soluble
pH value:	Not determined
Boiling point/range:	97 - 220 °C
Flash point:	54°C
Ignition temperature:	72 °C
Auto-ignition temperature:	252 °C
Melting point:	- 22 °C
Decomposition temperature:	Not determined
Flammability:	Not determined
Kinematic viscosity:	2.54 mPa*s (20°C)
Partition coefficient N-octanol/water:	log Pow = 3.4 - 5.5 (30 °C)
Relative vapour density:	Not determined
Particle properties:	Not applicable

### 9.2 Other information

Further physical/chemical data was not defined.

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## 10 Stability and Reactivity

### 10.1 Reactivity

No dangerous reactions are to be expected when used as intended.

### 10.2 Chemical stability

The product is chemically stable under the recommended storage, usage and temperature conditions.

### 10.3 Possibility of hazardous reactions

No dangerous reactions are to be expected when used as intended.

### 10.4 Conditions to avoid

Plastics can be attacked. Keep away from sources of ignition. Protect from the ingress of light/oxygen.

### 10.5 Incompatible materials

Strong oxidising agents, acids. Ongoing exposure to air causes progressive resin formation and degradation of quality.

### 10.6 Hazardous decomposition products

No hazardous decomposition products are known. Refer to section 5 in the event of fire.

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## 11 Toxicological information

### 11.1 Information on hazard classes as defined in Reg. (EC) No.1272/2008

#### Acute toxicity

LD50 Rat oral = 1.691mg/kg

LD50 Rabbit dermal = >2,000 mg/kg

LC50 Rat inhaled = 4.78 mg/l - 4 h

Harmful if swallowed or inhaled.

#### Skin corrosion/irritation

Causes skin irritation.

#### Serious eye damage/eye irritation

No serious eye damage/irritation.

#### Respiratory or skin sensitisation

Not classified as sensitising to the airways or skin.

#### Germ cell mutagenicity

Not classified as germ cell mutagens.

#### Carcinogenicity

Not classified as carcinogenic.

#### Reproductive toxicity

Not classified as toxic to reproduction.

#### Specific target organ toxicity with single exposure

Not classified as specifically target organ toxic (single exposure).

#### Specific target organ toxicity with repeated exposure

Not classified as specifically target organ toxic (repeated exposure).

#### Aspiration hazard

May be fatal if swallowed and enters airways.

**11.2 Information regarding other hazards****Properties damaging to the endocrine glands**

There is no information about the product.

**Other information**

There is no information available.

**12 Ecological information****12.1 Toxicity**

Toxic to aquatic organisms with long-lasting effects.

**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 product is not considered as PBT. The product is not considered as vPvB.

**12.6 Properties damaging to the endocrine glands**

No data available.

**12.7 Other adverse effects**

Do not allow product to enter the environment in an uncontrolled manner.

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## 13 Disposal considerations

### 13.1 Product waste treatment process

A waste disposal code number as per the European Waste Catalogue (AVV) must be assigned in consultation with the regional waste disposal company.

#### Packaging

Packaging must be emptied of residue and disposed of properly in accordance with the regulations.

Packaging that cannot be emptied must be disposed of in consultation with the regional waste disposal company.

## 14 Transport Information

### 14.1 Transport ADR/RID/ADN

Class	3
Classification code	F1
Packaging group	III
Kemler code	30
UN number	UN 1197
Technical name	EXTRACTS, FLAVOURINGS, LIQUID
Tunnel restriction Code (TBC)	D/E
Label	3
Marking	'Fish and tree' symbol

### 14.2 Transport IMDG

Class	3
Packaging group	III
UN number	UN 1197
Technical name	EXTRACTS, FLAVOURING, LIQUID
EmS	F-E; S-D
Label	3
Marine pollutant	'Fish and tree' symbol

**14.3 Transport ICAO-TI**

Class	3
Packaging group	III
UN number	UN 1197
Technical name	Extracts, flavouring, liquid
Label	3

**14.4 Other information**

No data available.

**14.5 Environmental hazards**

See points 14.1-14.3

**14.6 Special precautions for the user**

No data available.

**14.7 Bulk transport by sea in accordance with IMO instruments**

Not relevant.

## 15 Regulatory information

### 15.1 Regulations regarding safety, health and environmental protection / specific statutory provisions for the substance or the mixture

National legislation must also be observed.

#### **REACH Regulation (EC) 1907/2006, Appendix XVII:**

Restrictions on the product: 3, 40

#### **German Water Hazard Class (classification according to AwSV):**

WGK 2 - obviously hazardous to water

### 15.2 Chemical safety assessment

A chemical safety assessment has not been carried out.

## 16 Other information

The information is based on the current state of our knowledge but provides no assurance of product properties and provides no contractual legal relationship.

This material safety data sheet has been designed exclusively for this product and is intended for this product only.

### **Full text of the H and EUH phrases listed in sections 2 and 3 (unless already listed in these sections)**

H302 Harmful if swallowed.

H332 Harmful if inhaled.

### **Department responsible for issuing the data sheet: Laboratory**

Data revised from the previous version: Sections 2-10, 14, 15

Existing laws and regulations must be observed by the recipient of the product at their own responsibility.

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