



Safety data sheet

according to 1907/2006/EC, Article 31

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: peclavus® PODOmed Tee Tree Oil

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

Room aromatising

As a thinner in cosmetic products

1.3 Details of the supplier of the safety data sheet

HELLMUT RUCK GmbH
Daimlerstraße 23
D-75305 Neuenbürg
fon +49 (0)7082. 944 20
fax +49 (0)7082. 944 22 22
e-Mail kontakt@hellmut-ruck.de

1.4 Emergency telephone number

VIZ Universitätsklinikum Freiburg: Telefon (24h) +49 (0)761 19240

2. Hazards identification

2.1 Classification of the substance or mixture

Classification according with Regulation (EC) No 1272/2008



Danger

H304 May be fatal if swallowed or enters airways.

Asp. Tox. 1



Warning

H226 Flammable liquid and vapour.

Flam. Liq. 3



H302 Harmful if swallowed.

Acute Tox. 4

H315 Causes skin irritation.

Skin Irrit. 2

H317 May cause an allergic skin reaction.

Skin sens. 1

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Warning

H411 Toxic to aquatic life with long lasting effects.

Aquatic Chronic 2

2.2 Label elements

Identification in accordance with regulation (EC) no. 1272/2008

The product is classified and labeled in accordance with the CLP regulation

Hazard pictograms GHS02, GHS08, GHS09

Signal word Danger

Hazard statements

- H226 Flammable liquid and vapour
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P262 Do not get in eyes, on skin, or on clothing.

P102 Keep out of reach of children.

P301+P310 if swallowed: Immediately call a poison control center or doctor/physician.

P302+P352 If on skin: Wash with plenty of soap and water.

P303+P361+P353 IF ON SKIN (or hair):
Immediately remove all contaminated clothing.
Rinse skin with water/shower

P331 Do NOT induce vomiting.

P405 Store locked up.

2.3 Other hazards

Not specified

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3. Composition/information on ingredients

3.1 Substances

This product is an essential oil.

Tea tree oil:

CAS-No.: 68647-73-4 EINECS number: 285-377-1

Additional information: The text of the danger information can be found in Chapter 16.

4. First aid measures

4.1 Description of first aid measures

General information: If symptoms persist, consult a doctor. Immediately remove contaminated clothing and shoes and clean thoroughly before re-use.

After inhalation: Move affected person out of the danger zone. Ensure fresh air.

After skin contact: If in contact with the skin wash off with water and soap.

After eye contact: Spread eyelids and flush eyes thoroughly with water (15 mins.)
With continuing difficulties see a doctor.

After swallowing: Do not induce vomiting – danger of aspiration. Consult a doctor immediately and provide SDS. Do not give liquids to unconscious persons.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available

4.3 Indication of any immediate medical attention and special treatment needed

In case of an accident or feelings of nausea, immediately consult a doctor (if possible, present the operating instructions or the Safety Data Sheet).

In every case, coordinate the indication for the use of an antidote with the abovementioned poison control centre.

5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Extinguishing powder, water spray mist, 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 Advice for firefighters

Use independent breathing apparatus (insulating device).
Heating leads to increase in pressure and danger of bursting.
Wear protective suit. Cool endangered containers with water spray.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures Information for persons not trained for emergency cases:

Observe protective measures (see Sections 7 and 8).
Ensure adequate ventilation. Keep sources of ignition away.
Avoid contact with skin, eyes and clothing.

Emergency personnel:

No information available:

Personal protective equipment – see Chapter 8.

6.2 Environmental precautions

Do not allow seepage into the drains, surface water or ground water.

6.3 Methods and material for containment and cleaning up

Soak up with liquid absorbing materials (sand, diatomaceous earth, acid binder, universal binder, sawdust).
Feed into suitable containers for recycling or disposal.

6.4 Reference to other sections

No data available.

7. Handling and storage

7.1 Precautions for safe handling Instructions for safe handling

Ensure good room ventilation; if necessary exhaust at the work place.
The risk in handling the product must be reduced to a minimum by the use of protective and prevention methods. Insofar as is possible with the state of the technology, the working procedures must be so designed that dangerous substances are not released or contact with the skin is excluded.

General protective and hygiene measures

The normal precautionary measures when handling chemicals are to be observed. Do not smoke, eat or drink at work.
Keep away from foodstuffs and drinks. Wash hands before breaks and at the end of work. Avoid contact with the skin and eyes. Immediately remove soiled or soaked clothing.
Do not inhale condensates.

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Information on fire and explosion protection

Keep heat and sources of ignition away.

7.2 Conditions for safe storage taking incompatibility into account Technical measures and storage conditions

Store containers dry, tightly sealed and in a cool, well ventilated place. Prevent the ingress of light. Protect from entry of air and oxygen.

Requirements of stores and containers:

Store product in closed containers. Only keep containers that correspond to the original container.

Information on storing together:

Do not store together with: Oxidation media, acids.

Further information about storage conditions:

Keep container tightly sealed.

Storage classification in accordance with TRGS 510

3 Flammable liquids

7.3 Specific end applications

No further relevant information available

8. Exposure controls/personal protection

8.1 Parameters to be adhered to

No parameters to be monitored available.

8.2 Limiting and monitoring of exposure controls Suitable technical control installations

No information available

Personal protective equipment:

Respiratory protection:

A suitable breathing apparatus must be worn in the case the work place limiting values are exceeded. If no work place limiting values exist, then sufficient breathing protection measures must be undertaken in the case of formation of aerosols and mists.

Hand protection

With possible skin contact with the product, sufficient protection is provided with the use of gloves tested, for instance, in accordance with EN 374.

In any case, the glove should be tested for its work-place-specific suitability (e.g. mechanical strength, product compatibility, anti-static). Follow the information and instructions of the glove manufacturer with regard to use, storage, care and replacement of the gloves. The protective gloves should be immediately replaced in the case of damage or the first signs of wear. Arrange working processes in such a manner that gloves do not have to be worn constantly.

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Eye protection:

Protective eyewear with side protection (DIN EN 166)

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:

State of aggregation: liquid
Colour: pale yellow
Odour: characteristic, spicy

Safety-relevant data

Explosion hazard:

The product is not explosive but the formation of explosion-endangered condensates / air mixtures is possible.

Lower explosion limit: Not determined
Upper explosion limit: Not determined
Condensate pressure (Pa): 2100
Density (20 °C): 0.885 - 0.906
Water solubility: Not soluble
pH value: Not determined
Boiling point / range: 97 -220 °C
Flash point: 57 - 60°C
Ignition temperature: 72 °C

9.2 Other information

Further physical/chemical data were not defined.

10. Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

No data available.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Plastics can be attacked. Keep away from ignition points. Protect from entry of light and oxygen.

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10.5 Incompatible materials

Strong oxidation media; continuous exposure to air causes advancing resinous hardening and reduction of quality. Acids

10.6 Hazardous decomposition products

Not known.

11. Toxicological information

11.1 Information on toxicological effects

No data available.

12. Ecological information

12.1 Toxicity

No data available.

13. Disposal considerations

13.1 Waste treatment methods

Product

The classification of a waste key number in accordance with the European Waste Catalogue (AVV) is to be undertaken in cooperation with the regional disposal organisation.

Packaging

Packaging must be emptied of residue and is to be disposed of properly in accordance with the regulations. Packaging not emptied of residue is to be disposed of in consultation with the regional disposal organisation.

14. Transport information

14.1 Transport ARD/RID/ADN

Class	3
Classification code	F1
Packaging group	III
Kemler number (hazard identification number)	30
UN number	1169
Technical name	Extracts, aromatic, liquid
Special regulation	640 640E
Tunnel restriction code (TRC)	D/E
Label	3

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14.2 Transport IMDG

Class	3
Packaging group	III
UN number	1169
Technical name	Extracts, aromatic, liquid
EmS	F-E+S-D
Label	3
Marine pollutant	Symbol fish and tree

14.3 Transport ICAO-TI / IATA

Class	3
Packaging group	III
UN number	1169
Technical name	Extracts, aromatic, liquid
Label	3

14.4 Other information

No data available.

14.5 Environmental hazards:

See 14.1-14.3

14.6 Special precautions for user

No data available.

14.7 Bulk transport in accordance with Appendix II of the MARPOL Convention and in accordance with IBC code

No data available.

15. Regulatory information

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

Water endangering class: WGK 2

15.2 Chemical safety assessment

Not available

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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.

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.
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.
H225 Highly flammable liquid and vapour
R11 Highly flammable

Data Sheet issuing department: laboratory

Existing laws and regulations are to be observed by the recipient of our products as their own responsibility.

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