



### beech tar

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Pictograms:



Hazard statements

H315 Causes skin irritation.  
 H317 May cause an allergic skin reaction.  
 H319 Causes serious eye irritation.  
 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/hearing protection.  
 P302+P352 IF ON SKIN: Wash with plenty of water.  
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337+P313 If eye irritation persists: Get medical advice/attention.  
 P501 Dispose of contents/container in accordance with national disposal regulations.

### 2.3. Other hazards

The product does not meet the PBT or vPvB criteria in Annex XIII of the REACH Regulation.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Hazardous components

| CAS No     | Chemical name  |          |                       | Quantity |
|------------|--|----------|-----------------------|----------|
|            | EC No  | Index No | REACH No              |          |
|            | Classification (Regulation (EC) No 1272/2008)                                      |          |                       |          |
| 91722-33-7 | Tar, wood  |          |                       | 100 %    |
|            | 294-436-0  |          | 01-2119999006-29-XXXX |          |
|            | Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1B, Aquatic Chronic 3; H315 H319 H317 H412 |          |                       |          |

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

| CAS No     | EC No                                    | Chemical name | Quantity |
|------------|--|---------------|----------|
|            | Specific Conc. Limits, M-factors and ATE |               |          |
| 91722-33-7 | 294-436-0                                | Tar, wood     | 100 %    |
|            | oral: LD50 = >2000 mg/kg                 |               |          |

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

General information

First aider: Pay attention to self-protection! When in doubt or if symptoms are observed, get medical advice.

After inhalation

Provide fresh air. In case of respiratory irritation, dizziness, nausea or unconsciousness, immediately get medical attention.

After contact with skin

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After contact with skin, wash immediately with: Water and soap. In case of skin irritation, seek medical

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treatment. If necessary, change contaminated clothing.

#### After contact with eyes

Remove contact lenses. If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

#### After ingestion

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Call a physician immediately.

#### 4.2. Most important symptoms and effects, both acute and delayed

Causes serious eye irritation. Pain. Tears flow. Redness.

Causes skin irritation.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Water spray. Foam. Extinguishing powder. Carbon dioxide (CO<sub>2</sub>).

##### Unsuitable extinguishing media

High power water jet.

#### 5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated: Nitrogen oxides (NO<sub>x</sub>). Carbon monoxide Pyrolysis products, toxic

#### 5.3. Advice for firefighters

Co-ordinate fire-fighting measures to the fire surroundings. Wear a self-contained breathing apparatus and chemical protective clothing.

### SECTION 6: Accidental release measures

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

##### General advice

Provide adequate ventilation. Avoid contact with skin, eyes and clothes. Wear personal protection equipment.

#### 6.2. Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

#### 6.3. Methods and material for containment and cleaning up

##### Other information

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Collect in closed containers for disposal.

Clear contaminated areas thoroughly. Cleaning agent: Water. Ethanol.

#### 6.4. Reference to other sections

Personal protection equipment: see section 8

Handling and storage: see section 7

For waste disposal see section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Advice on safe handling

Keep container tightly closed. Provide adequate ventilation.

Consider the usual precautions for handling chemicals.

##### Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking. Floors should be impervious, resistant to liquids and easy to clean.

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#### Advice on general occupational hygiene

Consider the usual precautions for handling chemicals.

Remove contaminated, saturated clothing immediately. Protect skin by using skin protective cream. After work, wash hands and face. When using do not eat or drink.

#### 7.2. Conditions for safe storage, including any incompatibilities

##### Requirements for storage rooms and vessels

Store in a cool dry place.

storage temperature: 7-21°C

##### Hints on joint storage

Materials to avoid: Oxidizing agents. Strong alkali

#### 7.3. Specific end use(s)

Reserved for industrial and professional use.

Used as fuel, Hunting supplies, Pet care product (Hoof & Claw Care), Tree care (wound closure, graftage),

Shoe polish

## SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Additional advice on limit values

To date, no national critical limit values exist.

#### 8.2. Exposure controls

##### Appropriate engineering controls

Provide adequate ventilation. Provide protection equipment (eye wash bottles, etc.).

##### Individual protection measures, such as personal protective equipment

##### Eye/face protection

Tightly sealed safety glasses.

##### Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Tested protective gloves are to be worn:

Suitable material: NBR (Nitrile rubber).

penetration time (maximum wearing period): <=6h

Thickness of glove material: >=0,11mm

##### Skin protection

Protective clothing

##### Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Filtering Half-face mask (DIN EN 149).

## SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

|                 |               |
|-----------------|---------------|
| Physical state: | viscous       |
| Colour:         | dark brown    |
| Odour:          | Smoke flavour |

Test method

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|   |   |
|---|---|
| Changes in the physical state                             |   |
| Melting point/freezing point:                             | - 32,9 up to -22 °C OECD 102                      |
| Boiling point or initial boiling point and boiling range: | not determined                                    |
| Sublimation point:  | not determined                                    |
| Softening point:  | not determined                                    |
| Pour point:   | not determined                                    |
| Flash point:  | 92,5 °C EU A.9                                    |
| Flammability  |   |
| Solid/liquid:   | not determined                                    |
| Gas:  | not determined                                    |
| Lower explosion limits:                                   | not determined                                    |
| Upper explosion limits:                                   | not determined                                    |
| Auto-ignition temperature:                                | 440 °C EU A.15                                    |
| Self-ignition temperature                                 |   |
| Solid:  | not applicable                                    |
| Gas:  | not applicable                                    |
| Decomposition temperature:                                | 171,3 °C  |
| Viscosity / dynamic:                                      | not determined                                    |
| Viscosity / kinematic:                                    | not determined                                    |
| Flow time:  | not determined                                    |
| Water solubility:   | 0,044 - 0,569 g/L OECD 105                        |
| (at 20 °C)  |   |
| Partition coefficient n-octanol/<br>water:                | < 0,3 - 2,022 OECD (TG) 117<br>10,93 hPa OECD 104 |
| Vapour pressure:  | 14,34 hPa OECD 104                                |
| (at 20 °C)  |   |
| Vapour pressure:  |   |
| (at 25 °C)  | 1,19 - 1,30 g/cm <sup>3</sup>                     |
| Relative vapour density:                                  | not determined                                    |
| Density (at 20 °C):                                       |   |
| 9.2. <u>Other information</u>                             |   |

No further information available.

### SECTION 10: Stability and reactivity

- 10.1. Reactivity  
No dangerous reactivity under regular conditions.
- 10.2. Chemical stability  
The product is stable under regular conditions.
- 10.3. Possibility of hazardous reactions  
No dangerous reactions to be expected if used properly.
- 10.4. Conditions to avoid  
Materials to avoid: Oxidizing agents. Alkalis (alkalis), concentrated.
- 10.5. Incompatible materials  
none known

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#### 10.6. Hazardous decomposition products

When used properly no hazardous products of decomposition are expected.

### 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.

| CAS No     | Chemical name  |                  |         |          |        |  |
|------------|----------------|------------------|---------|----------|--------|--|
|            | Exposure route | Dose             | Species | Source   | Method |  |
| 91722-33-7 | Tar, wood      |                  |         |          |        |  |
|            | oral           | LD50 >2000 mg/kg | Ratte   | OECD 423 |        |  |

##### Irritation and corrosivity

Causes skin irritation.

Causes serious eye irritation.

The in vitro experiment (EPISKIN model) reveals, that the product is an irritant (Skin Irrit. 2).

##### Sensitising effects

May cause an allergic skin reaction. (Tar, wood)

##### Carcinogenic/mutagenic/toxic effects for reproduction

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

Based on available data, the classification criteria are not met.

#### 11.2. Information on other hazards

##### Endocrine disrupting properties

No data available. Further

information

No data available.

### SECTION 12: Ecological information

#### 12.1. Toxicity

No data available.

| CAS No     | Chemical name            |               |           |                                     |                   |        |
|------------|--------------------------|---------------|-----------|-------------------------------------|-------------------|--------|
|            | Aquatic toxicity         | Dose          | [h]   [d] | Species                             | Source            | Method |
| 91722-33-7 | Tar, wood                |               |           |                                     |                   |        |
|            | Acute fish toxicity      | LC50 45 mg/l  | 96 h      | Oncorhynchus mykiss (Rainbow trout) | OECD 203 / EU C.1 |        |
|            | Acute algae toxicity     | ErC50 17 mg/l | 72 h      | Desmodesmus dubspicatus             | OECD 201 / EU C.3 |        |
|            | Acute crustacea toxicity | EC50 28 mg/l  | 48 h      | Daphnia magna STRAUS                | OECD 201 / EU C.3 |        |

#### 12.2. Persistence and degradability

Not biodegradable.

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| CAS No     | Chemical name        |       |    |        |
|------------|----------------------|-------|----|--------|
|            | Method               | Value | d  | Source |
|            | Evaluation           |       |    |        |
| 91722-33-7 | Tar, wood            |       |    |        |
|            | OECD 301B / EU C.4-C | 60%   | 10 |        |
|            | Not biodegradable.   |       |    |        |

**12.3. Bioaccumulative potential**

No data available.

Partition coefficient n-octanol/water

| CAS No     | Chemical name | Log Pow    |
|------------|---------------|------------|
| 91722-33-7 | Tar, wood     | 03 - 2,022 |

**12.4. Mobility in soil**

No data available.

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

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.  
The product does not meet the PBT or vPvB criteria in Annex XIII of the REACH Regulation.

**12.6. Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**12.7. Other adverse effects**

No data available.

## SECTION 13: Disposal considerations

**13.1. Waste treatment methods**

Disposal recommendations

Content/container must be handed in at a certified special waste collection point.  
Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.  
According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

## SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number: 14.2.  
UN proper shipping name: 14.3.  
Transport hazard class(es): 14.4.  
Packing group:

No dangerous good in sense of this transport regulation.  
No dangerous good in sense of this transport regulation.  
No dangerous good in sense of this transport regulation.  
No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number or ID number: 14.2.  
UN proper shipping name: 14.3.  
Transport hazard class(es): 14.4.  
Packing group:

No dangerous good in sense of this transport regulation.  
No dangerous good in sense of this transport regulation.  
No dangerous good in sense of this transport regulation.  
No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number or ID number: 14.2.  
UN proper shipping name: 14.3.  
Transport hazard class(es): 14.4.  
Packing group:

No dangerous good in sense of this transport regulation.  
No dangerous good in sense of this transport regulation.  
No dangerous good in sense of this transport regulation.  
No dangerous good in sense of this transport regulation.



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Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: 14.2.

UN proper shipping name: 14.3.

Transport hazard class(es): 14.4.

Packing group:

No dangerous good in sense of this transport regulation.

No dangerous good in sense of this transport regulation.

No dangerous good in sense of this transport regulation.

No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS:

No

14.6. Special precautions for user

No special precautions known.

14.7. Maritime transport in bulk according to IMO instruments

not applicable

### SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3

Additional information

Regulation (EC) No. 648/2004 (Detergents regulation): not applicable

Regulation (EC) No. 1005/2009 on substances that lead to the depletion of the ozone layer: not applicable

Regulation (EC) No 850/2004 on persistent organic pollutants: not applicable

Regulation (EC) No 649/2012 of the European Parliament and of the Council concerning the export and import of dangerous chemicals: This mix contains no chemicals that are subject to the export notification procedures (annex 1).

This mixture contains the following substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH: none

This mixture contains the following substances of very high concern (SVHC) which are subject to authorisation according to Annex XIV of REACH: none

National regulatory information

Employment restrictions:

Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers. Observe employment restrictions for women of child-bearing age.

Water hazard class (D):

1 - slightly hazardous to water

15.2. Chemical safety assessment

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

### SECTION 16: Other information

Changes

Version 1,00 - 24.04.2015 - first draft

Version 1,01 - 03.06.2015 - changes in section 1, 3

Version 1,02 - 12.04.2016 - General update

Version 1,03 - 05.03.2019 - General update (changes in section 12)

Version 1,04 - 20.04.2020 - General update (changes in section 9)

Version 1,05 - 08.04.2022 - General update (changes in section 11,12)

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

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BlmSchV (Fed.Imm.Prot.Act): Directive on the Implementation of the Federal Immission Protection Act  
CAS: Chemical Abstracts Service  
DIN: Norm of the Deutsche Institut für Normung (German Institute for Standardization)  
EC: Effective Concentration  
EG: European Community (Europäische Gemeinschaft)  
EN: European Norm  
IATA: International Air Transport Association  
IBC Code: International Code for the Construction and Equipment of ships carrying Dangerous Chemicals in Bulk  
ICAO: International Civil Aviation Organization  
IMDG: International Maritime Code for Dangerous Goods  
ISO: Norm of the International Standards Organization  
CLP: Classification, Labeling, Packaging  
IUCLID: International Uniform Chemical Information Database  
LC: Lethal concentration  
LD: Lethal dose  
log Kow: Octanol/water partition coefficient  
MARPOL: Maritime Pollution Convention = Convention for the Prevention of Maritime Pollution from Ships  
OECD: Organisation for Economic Co-operation and Development  
PBT: Persistent, bio-cumulative, toxic  
RID: Regulation Concerning the International Transport of Dangerous Goods by Rail  
TRGS: Technische Regeln für Gefahrstoffe  
UN: United Nations  
VOC: Volatile Organic Compounds  
vPvB: very persistent and very bio-cumulative  
WGK: German Water Hazard Class  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
DNEL: Derived No Effect Level  
PNEC: Predicted No Effect Concentration  
TLV: Threshold Limiting Value  
STOT: Specific Target Organ Toxicity  
AwSV: Ordinance on Installations for Handling Substances Hazardous to Water

#### Relevant H and EUH statements (number and full text)

|      |  |
|------|--|
| H315 | Causes skin irritation.                            |
| H317 | May cause an allergic skin reaction.               |
| H319 | Causes serious eye irritation.                     |
| H412 | Harmful to aquatic life with long lasting effects. |

#### Further Information

The information given in this safety data sheet is to describe the product's safety regulations. It is not for guaranteeing certain characteristics and is based on today's knowledge. The safety data sheet was generated upon information of pre-suppliers by:

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