

**SAFETY DATA SHEET****Black Pine Tar**

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

Date issued 21.07.2018

**1.1. Product identifier**

Product name Black Pine Tar  
Article no. 60500

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

Use of the substance / preparation Wood protection Impregnation  
Relevant identified uses SU21 Consumer uses: Private households (= general public = consumers)  
SU22 Professional uses: publicly accessible (administration, education, entertainment, services, craftsmen)  
PC9 Coatings and Paints, Fillers, Putties, Thinners  
The chemical can be used by the general public Yes

**1.3. Details of the supplier of the safety data sheet****Manufacturer**

Company name Auson AB  
Postal address Verkstadsgatan 3  
Postcode S-434 42  
City KUNGSBACKA  
Country SVERIGE  
Telephone number +46 300-562000  
Fax +46 300-562021  
Email [nina.nyth@auson.se](mailto:nina.nyth@auson.se)  
Website <http://www.auson.se/>  
Contact person Nina Nyth

**1.4. Emergency telephone number**

Emergency telephone Telephone number: 112

Description: SOS Alarm

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP / GHS]	<p>Skin Irrit. 2; H315</p> <p>Skin Sens. 1B; H317</p> <p>Eye Irrit. 2; H319</p> <p>Aquatic Chronic 3; H412</p>
Substance / mixture hazardous properties	Risk for spontaneous combustion if linseed oil is absorbed by porous organic material (cotton waste or rag). This oxidation, which give rise to heat can happen even at room temperature, but raised temperature increases the risk.
Additional information on classification	See section 16 for explanation of hazard statements (H) listed above.

### 2.2. Label elements

#### Hazard pictograms (CLP)



Composition on the label	Tar, wood 80 -85 %, Linseed oil, boiled 10 - 15 %
Signal word	Warning
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	P102 Keep out of reach of children. P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P333+P313 If skin irritation or rash occurs: Get medical advice / attention. P337+P313 If eye irritation persists: Get medical advice / attention. P501 Dispose of contents at hazardous or special waste collection point.
EC label	Yes
VOC	Product subcategory : Interior and exterior minimal build woodstains Relevant VOC limit values: 700 g/l Maximum content of VOC: <300 g/l

### 2.3. Other hazards

Hazard description, general	May cause sensitisation by skin contact.
Other hazards	None

## SECTION 3: Composition / information on ingredients

### 3.2. Mixtures

Substance	Identification	Classification	Contents
Tar, wood	CAS No.: 91722-33-7 EC No.: 294-436-0 REACH Reg. No.: 01-2119999006-29-0004	Skin Irrit. 2; H315 Skin Sens. 1B; H317 Eye Irrit. 2; H319 Aquatic Chronic 3; H412	80 - 85 %
Linseed oil, boiled	CAS No.: 68649-95-6 EC No.: 272-038-8 REACH Reg. No.: 01-2119484875-20-XXXX		10 - 15 %
Carbon black	CAS No.: 1333-86-4 EC No.: 215-609-9 REACH Reg. No.: 01-2119384822-32-XXXX		5 %
2-Ethylhexanoic acid, zirconium salt	CAS No.: 22464-99-9 EC No.: 245-018-1 REACH Reg. No.: 01-2119979088-21-XXXX	Repr. 2; H361fd	< 0,1 %
Cobalt bis(2-ethylhexanoate)	CAS No.: 136-52-7 EC No.: 205-250-6 REACH Reg. No.: 01-2119524678-29-XXXX	Skin Sens. 1A; H317; Eye Irrit. 2; H319; Repr. 2; H361f; Aquatic Acute 1; H400; M-factor =1; Aquatic Chronic 3; H412; M-factor =1;	< 0,1 %
2-butanone oxime	CAS No.: 96-29-7 EC No.: 202-496-6 REACH Reg. No.: 01-2119539477-28-0003	Carc. 2; H351 Skin Sens. 1; H317 Eye Dam. 1; H318 Acute tox. 4; H312	< 0,1 %
Remarks, substance	See section 16 for explanation of hazard statements (H) listed above.		

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Skin contact	Wash the skin with water and soap.
Eye contact	Flush immediately with water for at least 5 minutes. Get medical attention if any discomfort continues.
Ingestion	Give water to drink if the affected person is fully conscious. DO NOT INDUCE VOMITING! Immediately consult a doctor.

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

General symptoms and effects	No further relevant information available.
------------------------------	--

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

Specific details on antidotes	No information available.
-------------------------------	---------------------------

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	Dry chemical, foam or carbon dioxide (CO <sub>2</sub> ).
Improper extinguishing media	Do not use a direct water jet that could spread the fire.

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

Fire and explosion hazards	Combustible. Not flammable.
----------------------------	-----------------------------

### 5.3. Advice for firefighters

Personal protective equipment	General: Evacuate all personnel, use protective equipment for fire fighting. Use a portable breathing apparatus when the product is involved in a fire.
-------------------------------	---

## SECTION 6: Accidental release measures

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

Personal protection measures	Use appropriate protective equipment.
------------------------------	---------------------------------------

### 6.2. Environmental precautions

Environmental precautionary measures	Prevent discharge of significant quantities to drains.
--------------------------------------	--

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

Clean up	Collect with absorbent, non-combustible material into suitable containers. Dispose of in accordance with local regulations.
----------	--

### 6.4. Reference to other sections

Other instructions	See Section 8 and section 13.
--------------------	-------------------------------

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Handling	Wear prescribed personal protective equipment.
----------	--

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

Storage	No specific storage precautions. Store in original container.
---------	---

### 7.3. Specific end use(s)

Specific use(s)	See Section 1.2
-----------------	-----------------

## SECTION 8: Exposure controls / personal protection

### 8.1. Control parameters

Substance	Identification	Value	TWA Year
Cobalt bis(2-ethylhexanoate)	CAS No.: 136-52-7	TWA (8h) : 100 mg/m <sup>3</sup> TWA (8h) : 15 ppm	

**OEL short term value**Value: 200 mg/m<sup>3</sup>**OEL short term value**

Value: 30 ppm

## Control parameters comments

List source(s): EU - Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

**8.2. Exposure controls****Safety signs****Precautionary measures to prevent exposure**

## Appropriate engineering controls

Avoid contact with skin and eyes. Eye wash facilities and emergency shower must be available when handling this product. Provide good ventilation.

**Eye / face protection**

## Suitable eye protection

Wear approved, tight fitting safety glasses where splashing is probable.

**Hand protection**

## Skin- / hand protection, short term contact

Protective gloves must be used if there is a risk of direct contact or splashes.

## Suitable materials

Nitrile rubber.

## Breakthrough time

Value: > 480 minute(s)

Comments: Change protective gloves regularly in order to avoid penetration problems.

## Thickness of glove material

Value: ≥ 0,38 mm

**Skin protection**

## Skin protection remark

Protective clothing as needed.

**Respiratory protection**

## Respiratory protection necessary at

No respirator is normally needed. In case of inadequate ventilation wear respiratory protection.

## Recommended respiratory protection

Filter apparatus type: Respirator with A filter (brown).

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

## Physical state

Viscous liquid.

Colour	Black.
Odour	Strong.
pH	Status: In delivery state Value: ~ 5
Boiling point / boiling range	Value: 150 - 400 °C
Flash point	Value: ~ 90 °C
Density	Value: ~ 1000 kg/m <sup>3</sup> Temperature: 20 °C
Solubility	Comments: Soluble in organic solvents.
Spontaneous combustability	Value: > 150 °C

## 9.2. Other information

### Other physical and chemical properties

Comments	No further relevant information available.
----------	--

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity	No data available.
------------	--------------------

### 10.2. Chemical stability

Stability	Stable with normal handling.
-----------	------------------------------

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No hazardous reactions known.
------------------------------------	-------------------------------

### 10.4. Conditions to avoid

Conditions to avoid	Risk for spontaneous combustion if linseed oil is absorbed by porous organic material (cotton waste or rag). This oxidation, which give rise to heat can happen even at room temperature, but raised temperature increases the risk.
---------------------	--

### 10.5. Incompatible materials

Materials to avoid	Oxidizing agent.
--------------------	------------------

### 10.6. Hazardous decomposition products

Hazardous decomposition products	No formation of hazardous decomposition products are expected under normal conditions.
----------------------------------	--

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Substance	Tar, wood
Acute toxicity	<p><b>Effect tested:</b> LD50  <b>Route of exposure:</b> Oral  <b>Method:</b> OECD 423  <b>Value:</b> &gt; 2000 mg/kg  <b>Animal test species:</b> Rat</p>
Substance	Linseed oil, boiled
Acute toxicity	<p><b>Effect tested:</b> LD50  <b>Route of exposure:</b> Oral  <b>Method:</b> OECD 401  <b>Value:</b> &gt; 4790 mg/kg  <b>Animal test species:</b> Rat</p> <p><b>Effect tested:</b> LD50  <b>Route of exposure:</b> Dermal  <b>Method:</b> OECD 402  <b>Value:</b> &gt; 2000 mg/kg  <b>Animal test species:</b> Rat</p> <p><b>Effect tested:</b> NOAEL  <b>Route of exposure:</b> Oral  <b>Value:</b> &gt; 1000 mg/kg bw /d  <b>Animal test species:</b> Rat</p>
Substance	Cobalt bis(2-ethylhexanoate)
Acute toxicity	<p><b>Type of toxicity:</b> Acute  <b>Effect tested:</b> LD50  <b>Route of exposure:</b> Oral  <b>Method:</b> OECD 425  <b>Value:</b> 3.129 mg/kg  <b>Animal test species:</b> Rat</p> <p><b>Type of toxicity:</b> Acute  <b>Effect tested:</b> LD50  <b>Route of exposure:</b> Dermal  <b>Method:</b> OECD 402  <b>Value:</b> &gt; 2.000 mg/kg  <b>Animal test species:</b> Rat</p>

### Other information regarding health hazards

Acute toxicity, human experience	No aspiration hazards known.
Skin corrosion / irritation, human experience	May cause an allergic skin reaction.
Eye damage or irritation, human experience	Causes serious eye irritation.
Inhalation	May cause headache and dizziness.
Skin contact	Defats the skin. May cause an allergic skin reaction.
Eye contact	Causes serious eye irritation.
Ingestion	May cause: Stomach pain. Vomiting.

Assessment of germ cell mutagenicity, classification	The chemical structure does not suggest a mutagenic effect.
Carcinogenicity, other information	Does not present any cancer or reproductive hazards.
Reproductive toxicity	The chemical structure does not suggest such an effect.

## SECTION 12: Ecological information

### 12.1. Toxicity

Substance	Cobalt bis(2-ethylhexanoate)
Acute aquatic, fish	<b>Toxicity type:</b> Chronic <b>Value:</b> 41,6 mg/l <b>Effect dose concentration :</b> LC50 <b>Exposure time:</b> 28 day(s) <b>Species:</b> Cyprinodon variegatus
Substance	Tar, wood
Acute aquatic, algae	<b>Toxicity type:</b> Acute <b>Value:</b> 17 mg/l <b>Effect dose concentration :</b> ERC50 <b>Exposure time:</b> 72 h <b>Species:</b> Desmodesmus dubspicatus  <b>Value:</b> 3 mg/l <b>Effect dose concentration :</b> NOEC <b>Exposure time:</b> 6 day(s) <b>Species:</b> Desmodesmus dubspicatus
Substance	Cobalt bis(2-ethylhexanoate)
Acute aquatic, algae	<b>Toxicity type:</b> Chronic <b>Value:</b> 0,0197 mg/l <b>Effect dose concentration :</b> EC10 <b>Exposure time:</b> 7 day(s) <b>Species:</b> Ceriodaphnia dubia
Ecotoxicity	Toxic to aquatic organisms.

### 12.2. Persistence and degradability

Persistence and degradability, comments	Not readily degradable.
---	-------------------------

### 12.3. Bioaccumulative potential

Bioaccumulative potential	No further relevant information available.
---------------------------	--

### 12.4. Mobility in soil

Mobility	No data available.
----------	--------------------

### 12.5. Results of PBT and vPvB assessment

PBT assessment results	The product does not contain any PBT or vPvB substance.
------------------------	---



## 12.6. Other adverse effects

Other adverse effects, comments	May cause long lasting harmful effects to aquatic life.
---------------------------------	---

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Specify the appropriate methods of disposal	Dispose of in compliance with local regulations.
EWC waste code	EWC waste code: 030299 wood preservatives not otherwise specified Classified as hazardous waste: Yes
EWL packing	Classified as hazardous waste: No
Other information	EWC code is only a suggestion, final consumer selects a suitable EWC code.

## SECTION 14: Transport information

Dangerous goods	No
-----------------	----

### 14.1. UN number

Comments	Not classified as hazardous for transport.
----------	--

### 14.2. UN proper shipping name

### 14.3. Transport hazard class(es)

### 14.4. Packing group

### 14.5. Environmental hazards

### 14.6. Special precautions for user

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

## SECTION 15: Regulatory information

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

EEC-directive	2006/121/2006
Biocides	No
Nanomaterial	No
References (laws/regulations)	The product is classified and labelled in accordance with EEC guidelines or national legislation.
Legislation and regulations	Regulation (EC) nr. 2015/830 Regulation (EC) nr. 1272/2008.

### 15.2. Chemical safety assessment

Chemical safety assessment performed	No
--------------------------------------	----

## SECTION 16: Other information

Supplier's notes	These data are based on our best knowledge to date, however they do not imply any guarantee on the properties or quality of the product. In case of uncertainties we advise you to make own tests or ask for written directions from us.
List of relevant H-phrases (Section 2 and 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. H351 Suspected of causing cancer H361fd Suspected of damaging fertility. Suspected of damaging the unborn child. H361f Suspected of damaging fertility. H400 Very toxic to aquatic life. H412 Harmful to aquatic life with long lasting effects.
Version	12
Expired date	21.07.2021