

SAFETY DATA SHEET

Black Brown 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 24.01.2019

1.1. Product identifier

Product name Black Brown Tar
Article no. 60504

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

Use of the substance / preparation Wood protection
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

1.3. Details of the supplier of the safety data sheet

Producer

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
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 substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP / GHS]	Skin Irrit. 2; H315 Skin Sens. 1B; H317 Eye Irrit. 2; H319 Aquatic Chronic 3; H412
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.

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 : Woodstain, oil or varnish for interior and exterior use. 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	Not relevant.

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	Skin Irrit. 2; H315 Skin Sens. 1B; H317	80 -85 %

	REACH Reg. No.: 17-2119959914-22-0000	Eye Irrit. 2; H319 Aquatic Chronic 3; H412	
2-Ethylhexanoic acid, zirconium salt	CAS No.: 22464-99-9 EC No.: 245-018-1	Repr. 2; H361fd	< 0,1 %
2-butanone oxime	CAS No.: 96-29-7 EC No.: 202-496-6	Carc. 2;H351 Skin Sens. 1;H317 Eye Dam. 1;H318 Acute tox. 4;H312	< 0,1 %
Linseed oil, boiled	CAS No.: 8001-26-1 EC No.: 232-278-6		10 -15 %
Carbon black	CAS No.: 1333-86-4 EC No.: 215-609-9		3 %
Fe2O3	CAS No.: 1309-37-1 EC No.: 215-168-2		1 -2 %
Fe3O4	CAS No.: 1317-61-9 EC No.: 215-277-5		1 -2 %
FeO(OH)	CAS No.: 20344-49-4 EC No.: 243-746-4		1 -2 %
Remarks, substance	See section 16 for explanation of hazard statements (H) listed above.		
Substance comments	Contains tall oil pitch, rosin acids, neutral matters such as fatty alcohols and phytosterin and a small amount of terpenes (CAS-nr 8006-64-2, EG-nr 232-350-7)		

SECTION 4: First aid measures

4.1. Description of first aid measures

General	If symptoms persist, call a physician.
Inhalation	Fresh air.
Skin contact	Wash the skin with water and soap. Remove contaminated clothing. Chemical burns must be treated by a physician.
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. Never give anything by mouth to an unconscious person. Immediately consult a doctor. DO NOT INDUCE VOMITING!

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

General symptoms and effects	No further relevant information available.
Acute symptoms and effects	Inhalation: Inhalation of dust may cause irritation of the respiratory system. Skin Contact: May cause skin irritation with redness, pain and allergic reaction.

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

Specific details on antidotes	No information available.
Other information	Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Dry chemical, foam or carbon dioxide (CO ₂).
Improper extinguishing media	Do not use water in a focused jet.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	Combustible. Not flammable.
Hazardous combustion products	Carbon oxides.

5.3. Advice for firefighters

Personal protective equipment	Breathing apparatus should be used in fire fighting.
Other information	Containers close to fire should be removed immediately or cooled with water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures	Use appropriate protective equipment. Evacuate the area.
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6.2. Environmental precautions

Environmental precautionary measures	Do not allow spill to enter sewers or watercourses.
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6.3. Methods and material for containment and cleaning up

Clean up	Immediately start clean-up of the liquid and contaminated soil. Small amounts can be collected using absorbent material. In case of large spill, immediately contact local authorities. . Cover drains.
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6.4. Reference to other sections

Other instructions	See Section 8 and section 13.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling	Wear prescribed personal protective equipment. Provide adequate ventilation. Avoid contact with skin and eyes.
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Protective safety measures

Preventitive measures to protect the environment	Prevent spills. Protect wells and drains.
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7.2. Conditions for safe storage, including any incompatibilities

Storage	No specific storage precautions. Store in original container.
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Conditions for safe storage

Packaging compatibilities	Store preferably in original container.
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7.3. Specific end use(s)

Specific use(s)	See Section 1.2
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SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Other Information about threshold limit values	There are no occupational exposure limit values for pine tar.
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DNEL / PNEC

Summary of risk management measures, human	No information available.
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Summary of risk management measures, environment	No information available.
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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.
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Eye / face protection

Suitable eye protection	Wear approved, tight fitting safety glasses where splashing is probable.
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Hand protection

Skin- / hand protection, short term contact	Protective gloves must be used if there is a risk of direct contact or splashes.
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Suitable materials	Nitrile rubber. Polyvinyl alcohol (PVA).
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Breakthrough time	Value: > 480 minute(s) Comments: Change protective gloves regularly in order to avoid penetration problems.
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Thickness of glove material	Value: $\geq 0,38$ mm
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Skin protection

Skin protection remark	Protective clothing as needed.
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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	Brownish black.
Odour	Characteristic.
Odour limit	Comments: Not determined.
pH	Status: In delivery state Value: ~ 4
Melting point / melting range	Comments: Not determined.
Boiling point / boiling range	Value: 150 - 400 °C
Flash point	Value: ~ 90 °C
Evaporation rate	Comments: No data available
Explosion limit	Comments: No data recorded.
Vapour pressure	Comments: No data recorded.
Density	Value: ~ 1000 kg/m ³ Temperature: 20 °C
Solubility	Comments: Soluble in organic solvents.
Partition coefficient: n-octanol/ water	Comments: Not determined.
Spontaneous combustability	Value: > 150 °C
Explosive properties	Not an explosive.

9.2. Other information

Other physical and chemical properties

Comments	No further relevant information available.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	The chemical is stable at the given use and storing conditions.
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10.2. Chemical stability

Stability	Stable with normal handling. Spontaneous combustion hazard when in contact with textiles etc. Used textiles must be soaked in water.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No hazardous reactions known.
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10.4. Conditions to avoid

Conditions to avoid	No information available.
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10.5. Incompatible materials

Materials to avoid	Strong oxidizing agents.
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10.6. Hazardous decomposition products

Hazardous decomposition products	No formation of hazardous decomposition products are expected under normal conditions.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Substance	Tar, wood
Acute toxicity	Effect tested: LD50 Route of exposure: Oral Method: OECD 423 Value: > 2000 mg/kg Animal test species: Rat

Other information regarding health hazards

Acute toxicity, human experience	Not classified.
Skin corrosion / irritation, human experience	May cause an allergic skin reaction.
Eye damage or irritation, human experience	Causes serious eye damage.
Inhalation	Inhalation of mist causes irritation of respiratory system. Inhalation of high vapour concentrations may cause symptoms such as headache, dizziness, fatigue, nausea and vomiting.
Skin contact	Irritating. May cause an allergic skin reaction.
Eye contact	Causes serious eye irritation.
Ingestion	Nausea and vomiting. Abdominal pains.
Sensitisation	May cause sensitisation by skin contact.
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.
Aspiration hazard, human experience	Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

Substance	Tar, wood
Acute aquatic, algae	Toxicity type: Acute Value: 17 mg/l Effect dose concentration : ERC50 Exposure time: 72 h Species: Desmodesmus dubspicatus Value: 3 mg/l Effect dose concentration : NOEC Exposure time: 6 day(s) Species: Desmodesmus dubspicatus
Ecotoxicity	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

12.2. Persistence and degradability

Persistence and degradability, comments	Not readily degradable.
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12.3. Bioaccumulative potential

Bioaccumulative potential	Has the potential to bioaccumulate.
Bioconcentration factor (BCF)	Comments: Data lacking.

12.4. Mobility in soil

Mobility	Expected to have relatively low mobility in soil.
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12.5. Results of PBT and vPvB assessment

PBT assessment results	The product does not contain any PBT or vPvB substance.
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12.6. Other adverse effects

Other adverse effects, comments	May cause long lasting harmful effects to aquatic life.
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Specify the appropriate methods of disposal	Dispose of in compliance with local regulations. Containers with liquid residues are hazardous waste.
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
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14.1. UN number

Comments	Not classified as hazardous for transport.
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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 73/78 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
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
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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. H412 Harmful to aquatic life with long lasting effects.
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