

SAFETY DATA SHEET

Brown 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	21.09.2016
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1.1. Product identifier

Product name	Brown Pine Tar
Chemical name	Pine Tar
Article no.	60530

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

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
Website	http://www.auson.se/
Contact person	Nina Nyth

1.4. Emergency telephone number

Emergency telephone	Telephone number: 112 Description: SOS Alarm
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SECTION 2: Hazards identification

2.1. Classification of substance or mixture

Classification according to 67/548/EEC or 1999/45/EC	Xi; R43 R52/53
Classification according to Regulation (EC) No 1272/2008 [CLP / GHS]	Skin Sens. 1; H317 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

EC label	Yes
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Hazard pictograms (CLP)



Composition on the label	Pine Tar 60 – 65 %, Linseed oil, boiled 15 – 20 %, Fe ₂ O ₃ 5 – 10 %, Fe ₃ O ₄ 5 – 10 %, FeO(OH) 5 – 10 %, 2-Ethylhexanoic acid, zirconium salt < 0,1 %, Fatty acids, C6-19-branched, cobalt(2+)salts < 0,1 %
Signal word	Warning
Hazard statements	H317 May cause an allergic skin reaction. 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. P333+P313 If skin irritation or rash occurs: Get medical advice / attention. P501 Dispose of contents at hazardous or special waste collection point.
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

Description of hazard	May cause sensitisation by skin contact.
Other hazards	None

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents
Pine Tar	CAS No.: 8011-48-1 EC No.: 232-374-8	Xi; R43 R52/53 Skin Sens. 1;H317 Aquatic Chronic 3; H412	60 – 65 %

Linseed oil, boiled	CAS No.: 8001-26-1 EC No.: 232-278-6		15 – 20 %
Fe ₂ O ₃	CAS No.: 1309-37-1 EC No.: 215-168-2		5 – 10 %
Fe ₃ O ₄	CAS No.: 1317-61-9 EC No.: 215-277-5		5 – 10 %
FeO(OH)	CAS No.: 20344-49-4 EC No.: 243-746-4		5 – 10 %
2-Ethylhexanoic acid, zirconium salt	CAS No.: 22464-99-9 EC No.: 245-018-1	Rep 3; R63 Repr. 2; H361fd	< 0,1 %
Fatty acids, C6-19-branched, cobalt(2+) salts	CAS No.: 68409-81-4 EC No.: 270-066-5	Xn; R22 Xi; R38,R43 N; R51/53 Acute tox. 4; H302 Skin Irrit. 2; H315 Skin Irrit. 2; H319 Skin Sens. 1; H317 Aquatic Chronic 2; H411 Asp. tox 1; H304	< 0,1 %
Remarks, substance	See section 16 for explanation of Risk-phrases (R) and 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

Inhalation	Fresh air.
Skin contact	Wash the skin with water and soap. Remove contaminated clothing.
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. DO NOT INDUCE VOMITING! Immediately consult a doctor.

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

Information for health personnel	Gently wash with plenty of soap and water.
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4.3. Indication of any immediate medical attention and special treatment needed

Specific details on antidotes	No information available.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Dry chemical, foam or carbon dioxide (CO ₂).
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5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	Combustible. Not flammable.
Hazardous combustion products	Rags, steel wool, or waste soaked with linseed oil may spontaneously catch fire if improperly discarded.

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.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures	Use appropriate protective equipment.
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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

Cleaning method	Collect with absorbent, non-combustible material into suitable containers. Destroy according to applicable regulations.
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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.
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7.2. Conditions for safe storage, including any incompatibilities

Storage	Keep only in original container. No specific storage precautions.
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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

Substance	Identification	Value	TWA Year
Fatty acids, C6-19-branched, cobalt(2+) salts	CAS No.: 68409-81-4	TWA (8h) : 100 mg/m ³	
	EC No.: 270-066-5	TWA (8h) : 15 ppm	
		OEL short term value Value: 200 mg/m ³	

OEL short term value

Value: 30 ppm

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

Limitation of exposure on workplace	Provide good ventilation.
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Safety signs**Respiratory protection**

Respiratory protection	No respirator is normally needed. If ventilation is insufficient, suitable respiratory protection must be applied. Respirator with A filter (brown).
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Hand protection

Hand protection	Protective gloves must be used if there is a risk of direct contact or splashes. Use protective gloves made of: PVA (the glove must not come in contact with water), nitrile rubber. or viton rubber.
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Eye / face protection

Eye protection	Wear approved, tight fitting safety glasses where splashing is probable.
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SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state	Viscous liquid.
Colour	Brownish.
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: > 80 °C
Specific gravity	Value: ~ 1200 kg/m ³ Temperature: 20 °C

Solubility description	Soluble in organic solvents. Aromatic hydrocarbons. Ethanol
Solubility in water	Insoluble in water

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	Avoid contact with 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

Acute toxicity, Mixture estimate

Acute toxicity, human experience	No aspiration hazards known.
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Potential acute effects

Skin contact	May cause sensitisation by skin contact.
Eye contact	May cause: Stinging.
Ingestion	May cause: Indisposition. Stomach pain.

Skin corrosion / irritation, human experience	May cause an allergic skin reaction.
Aspiration hazard, human experience	Based on available data, the classification criteria are not met.
Eye damage or irritation, human experience	Reliable information on eye effects is lacking. There is no reason to suspect such effects, but handle it with care and report any symptoms or injuries to the manufacturer or the distributor

Delayed effects / repeated exposure

Sensitisation	May cause sensitisation by skin contact.
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.

Carcinogenic, Mutagenic or Reprotoxic

Carcinogenicity, other information	Does not present any cancer or reproductive hazards.
Assessment of germ cell mutagenicity, classification	Based on available data, the classification criteria are not met.
Reproductive toxicity	The chemical structure does not suggest such an effect.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity	May cause longterm adverse effects in the aquatic environment.
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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.
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12.4. Mobility in soil

Water solubility	Comments: Insoluble in water
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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.
Product classified as hazardous waste	Yes
Packaging classified as hazardous waste	No
EWC waste code	EWC: 03 02 99 wood preservatives not otherwise specified

SECTION 14: Transport information

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. 1907/2006 Regulation (EC) nr. 1272/2008.

15.2. Chemical safety assessment

Chemical safety assessment performed	No
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SECTION 16: Other information

R-phrases	R43 May cause sensitization by skin contact. R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S-phrases	S-2 Keep out of the reach of children. S-24 Avoid contact with skin. S-28 After contact with skin, wash immediately with plenty of water. S-37 Wear suitable gloves. S-46 If swallowed, seek medical advice immediately and show this container or label. S61 Avoid release to the environment. Refer to special instructions/safety data sheets.

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 R-phrases (under headings 2 and 3).	R43 May cause sensitization by skin contact. R38 Irritating to skin. R63 Possible risk of harm to the unborn child. R22 Harmful if swallowed. R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
List of relevant H-phrases (Section 2 and 3)	H302 Harmful if swallowed. H412 Harmful to aquatic life with long lasting effects. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H361fd Suspected of damaging fertility. Suspected of damaging the unborn child. H411 Toxic to aquatic life with long lasting effects. H319 Causes serious eye irritation.
Classification according to Regulation (EC) No 1272/2008 [CLP / GHS]	Skin Sens. 1; H317; Aquatic Chronic 3; H412;
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