SAFETY DATA SHEET

Green 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	07.01.2020

1.1. Product identifier

Product name	Green Pine Tar
Synonyms	Pine tar
Article no.	60550

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 the 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
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 65 -70 %, Chromoxid ~ 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
Child-protection	No
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

Health effect	May cause an allergic skin reaction.
Environmental effects	Harmful to aquatic life with long lasting effects.
Other hazards	Not relevant.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents	Notes
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	65 -70 %	1
Alkyd oil	CAS No.: 68410-37-7		~ 15 %	
Chromoxid	CAS No.: 1308-38-9 EC No.: 215-160-9		~ 15 %	
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	~ 0,3 %	1
Cobalt bis(2-ethylhexanoate)	CAS No.: 136-52-7 EC No.: 205-250-6 REACH Reg. No.: 01-2119524678-29-XXXX	Skin Sens. 1; H317 Eye Irrit. 2; H319 Repr. 2; H361f Aquatic Acute 1; H400; M-factor =1 Aquatic Chronic 3; H412; M-factor =1	~ 0,3 %	1

[1]Substance classified with a health or environmental hazard

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 in doubt, seek medical advice.
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. 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 (CO2).
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	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.

6.2. Environmental precautions

Environmental precautionary measures	Do not allow spill to enter sewers or watercourses.

6.3. Methods and material for containment and cleaning up

Clean up	Cover drains. Avoid release to the environment. 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. .

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. Provide adequate ventilation. Avoid contact with skin and eyes.

Protective safety measures

Preventititve measures to protect the environment	Prevent spills. Protect wells and drains.

7.2. Conditions for safe storage, including any incompatibilities

Storage	No specific storage precautions. Store in a closed container. Store in original container.

Conditions for safe storage

Requirements for storage rooms and vessels	Keep container tightly closed.

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	Exposure limits	TWA Year
Cobalt bis(2-ethylhexanoate)	CAS No.: 136-52-7	Limit value (8 h) : 100 mg/m³ Limit value (8 h) : 15 ppm **Limit value (short term)** Value: 200 mg/m³ **Limit value (short term)** Value: 30 ppm	

DNEL / PNEC

Summary of risk management measures, human	No information available.
Summary of risk management measures, environment	No information available.

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. Polyvinyl alcohol (PVA).
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

Protective clothing necessary properties	Rinse skin with water/shower.
Skin protection remark	Protective clothing as needed.

Respiratory protection

Respiratory protection necessary at	No respirator is normally needed.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Viscous liquid.
Colour	Green
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
Density	Value: ~ 1150 kg/m³ Temperature: 20 °C
Solubility	Name: 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.

SECTION 10: Stability and reactivity

10.1. Reactivity

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

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	No information available.

10.5. Incompatible materials

Materials to avoid	Strong oxidizing agents.

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	**Effect tested:** LD50 **Route of exposure:** Oral **Method:** OECD 423 **Value:** > 2000 mg/kg **Animal test species:** Rat
Substance	Cobalt bis(2-ethylhexanoate)
Acute toxicity	**Type of toxicity:** Acute **Effect tested:** LD50 **Route of exposure:** Oral **Method:** OECD 425 **Value:** 3.129 mg/kg **Animal test species:** Rat **Type of toxicity:** Acute **Effect tested:** LD50 **Route of exposure:** Dermal **Method:** OECD 402 **Value:** > 2.000 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	Vapour may irritate respiratory system or lungs. Inhalation of high vapour concentrations may cause symptoms such as headache, dizziness, fatigue, nausea and vomiting.
Skin contact	Irritating. Kan ge allergiskt kontakteksem efter upprepad kontakt.
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.

SECTION 12: Ecological information

12.1. Toxicity

Substance	Cobalt bis(2-ethylhexanoate)
Aquatic toxicity, fish	**Toxicity type:** Chronic **Value:** 41,6 mg/l **Effect dose concentration :** LC50 **Exposure time:** 28 day(s) **Species:** Cyprinodon variegatus
Substance	Tar, wood
Aquatic toxicity, 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
Substance	Cobalt bis(2-ethylhexanoate)
Aquatic toxicity, algae	**Toxicity type:** Chronic **Value:** 0,0197 mg/l **Effect dose concentration :** EC10 **Exposure time:** 7 day(s) **Species:** Ceriodaphnia dubia
Ecotoxicity	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

12.2. Persistence and degradability

Persistence and degradability description/evaluation	Not readily degradable.

12.3. Bioaccumulative potential

Bioconcentration factor (BCF)	Comments: Data lacking.
Bioaccumulation, comments	Incompletely studied. Contains components which have bioaccumulative potential.

12.4. Mobility in soil

Mobility	Expected to have relatively low mobility in soil.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	The product does not contain any PBT or vPvB substance.

12.6. Other adverse effects

Additional ecological information	May cause long-term adverse effects in the aquatic environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate methods of disposal for the chemical	Destrueres i henhold til lokale regulativer. Do not allow discharges to sewer, watercourses or ground.
Appropriate methods of disposal for the contaminated packaging	Empty containers should be transported to local recycling facility or waste treatment facility.
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)	H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. 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.
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