



Safety Data Sheet

01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

1.1 Product Identifier

Product Name	Cedarwood Oil Atlas.				
Biological Definition	Cedrus Atlantica Bark Oil is the volatile oil obtained from the bark of <i>Cedrus atlantica</i> , <i>Pinaceae</i> .				
INCI Name	Cedrus Atlantica Bark Oil.				
Synonyms & Trade Names	-				
CAS-No	92201-55-3 / 8000-27-9	EC No.	295-985-9	EINECS No.	295-985-9

1.2 Relative identified uses of the substance or mixture and uses advised against

No additional data available.

1.3 Details of the supplier of the safety data sheet

Golden Bough Botanicals Inc 12-1585 Cliveden Ave Delta BC V3M 6M1

1.4 Emergency Tel. No.

604-540-8700 (Monday-Friday 8:30 am-4:30 pm)

02. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

The Full Text for all Hazard Statements is Displayed in Section 16.

Human health

May produce an allergic reaction (EUH208).

Environment

The product contains a substance which may cause long term adverse effects in the aquatic environment.

Classification (EC 1272/2008)

Physical and Chemical Hazards: This substance does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

Human health Asp: Tox. 1 - H304.

Environment : Aquatic Chronic 2 – EHC2 H411.

2.2 Label Elements

Label in accordance with (EC) No 1272/2008

GHS08



GHS09



Signal Word

Danger.

Contains

EUH208 Contains longifolene. May produce an allergic reaction.
Hydrocarbons, Longifolene, Alpha-Cedrene.

Hazard Statements

H304	May be fatal if swallowed and enters airways.
H411	Toxic to aquatic life with long lasting effects.
Precautionary Statements	
P273	Avoid release to the environment.
Supplementary Precautionary Statements	
P301+310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331	Do NOT induce vomiting.
P391	Collect spillage.
P405	Store locked up.
P501	Dispose of contents/container to ...
2.3 Other Hazards	
PBT or vPvB according to Annex XIII	The substance does not meet the criteria for PBT or vPvB, in accordance with Annex XIII of REACH Regulation (EC) No 1907/2006.
Adverse physio-chemical properties	No additional data available.
Adverse effects on human health	No additional data available.

03. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures	
74.3% HYDROCARBONS	REACH: 01-2119487278-23-0016.
Classification (EC 1272/2008) Warning Acute Tox. 4, H302, Acute Tox. 4, H312.	
0.6% LONGIFOLENE	CAS: 475-20-7 EC: 207-491-2
Classification (EC 1272/2008) Danger Asp. Tox. 1, H304, Skin Sens. 1B, H317, Aquatic Acute 1, H400, M Acute = 10, Aquatic Chronic 1, H410, M Chronic = 10.	
0.1% ALPHA-CEDRENE	CAS: 469-61-4 EC: 207-418-4
Classification (EC 1272/2008) Danger Asp. Tox. 1, H304, Aquatic Acute 1, H400, M Acute = 10, Aquatic Chronic 1, H410, M Chronic = 10	

04. FIRST AID MEASURES

4.1 Description of first aid measures	
Inhalation	If an allergic reaction, seek medical attention.
Ingestion	Give nothing by mouth. Consult a doctor and show him the label. If accidentally swallowed, do not drink, do not induce vomiting and immediately transferred to hospital by ambulance. Show the label to the physician.
Skin Contact	If an allergic reaction, seek medical attention.
Eye Contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention immediately. Continue to rinse.
4.2 Most important symptoms and effects, both acute and delayed	
No additional data available.	
4.3 Indication of any immediate medical attention and special treatment needed	
No additional data available.	

05. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Extinguishing media: Carbon dioxide (CO₂). Powder. Water spray.

Unsuitable extinguishing media : In case of fire , do not use water.

5.2 Special hazards arising from the product

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe fumes.

In case of fire may form :

- Carbon monoxide (CO)
- Carbon dioxide (CO₂)

5.3 Advice for firefighters

No additional data available.

06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Refer to protective measures listed in sections 7 and 8.

For emergency

To be equipped with suitable personal protective equipment (Refer to Section 8).

6.2 Environmental Precautions

Contain and collect spillage with non- combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.
Prevent entry into sewers or waterways.

6.3 Methods and material for containment and cleaning up.

Clean preferably with a detergent, do not use solvents.

6.4 Reference to other sections

No additional data available.

07. HANDLING AND STORAGE

7.1 Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Fire prevention:

Never inhale this substance.

Prevent access by unauthorised personnel.

Recommended equipment and procedures:

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Prohibited equipment and procedures:

No smoking, eating or drinking in areas where the substance is used.

7.2 Conditions for safe storage, including any incompatibilities

Storage


Keep away from food and drink, including those for animals.

Packaging

Always keep in packaging made of an identical material to the original.

7.3 Specific end use(s)
No additional data available.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters	
No additional data available.	
8.2 Exposure controls	
Protective Equipment	
	
Process Conditions	Provide eyewash station.
Engineering Measures	Provide adequate ventilation.
Respiratory Equipment	For high concentrations use respiratory equipment.
Hand Protection	Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374. Gloves must be selected according to the application and duration of use at the workstation. Protective gloves need to be selected according to their suitability for the workstation in question: other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required. Recommended properties: - Impervious gloves in accordance with standard EN374
Eye Protection	Avoid contact with eyes. Use eye protectors designed to protect against liquid splashes. Before handling, wear safety goggles in accordance with standard EN166.
Other Protection	Wear appropriate clothing to prevent any possibility of skin contact.
Hygiene Measures	Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.
Personal Protection	Use personal protection according to Directive 89/686/EEC.
Skin Protection	Work clothing worn by personnel shall be laundered regularly. After contact with the product, all parts of the body that have been soiled must be washed.
Environmental Exposure Controls	Avoid discharging into drainage water. Only eliminate by authorised companies.

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties	
Appearance	Viscous liquid.
Colour	Pale yellow to yellow.
Odour	Characteristic - sweet, woody, almost balsamic.
Relative Density	0.920 - 0.960 @ 20°C
Flash Point (°C)	>100°C
Refractive Index	1.500 - 1.530 @ 20°C
Melting Point (°C)	No additional data available.
Boiling Point (°C)	No additional data available.
Vapour Pressure	No additional data available.
Solubility in Water @20°C	Insoluble in water.

Auto-ignition temperature (°C)	No additional data available.
9.2 Other information	
No additional data available.	

10. STABILITY AND REACTIVITY

10.1 Reactivity	
No dangerous reactions known.	
10.2 Chemical stability	
This substance is stable under the recommended handling and storage conditions in section 7.	
10.3 Possible hazardous reactions	
No additional data available.	
10.4 Conditions to Avoid	
Avoid: humidity.	
10.5 Incompatible materials	
Materials To Avoid: Water.	
10.6 Hazardous Decomposition Products	
The thermal decomposition may release/form: <ul style="list-style-type: none"> - carbon monoxide (CO) - carbon dioxide (CO₂) 	

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects	
Acute Toxicity	Aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration.
Skin corrosion / irritation	No additional data available.
Serious eye damage / irritation	No additional data available.
Respiratory or skin sensitisation	No additional data available.
Germ Cell Mutagenicity	No additional data available.
Carcinogenicity	No additional data available.
Reproductive toxicity	No additional data available.
STOT-single exposure	No additional data available.
STOT-repeated exposure	No additional data available.
Aspiration hazard	May be fatal if swallowed and enters airways. Aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration.
Photo-toxicity	No additional data available.
Other Information	No additional data available.

12. ECOLOGICAL INFORMATION


12.1 Toxicity	
Toxic to aquatic life with long lasting effects. The product must not be allowed to run into drains or waterways.	
12.2 Persistence & degradability	


No additional data available.
12.3 Bioaccumulation Potential
No additional data available.
12.4 Mobility in soil
No additional data available.
12.5 Results of PBT and vPvB Assessment
No additional data available.
12.6 Other adverse effects
No additional data available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
<p>Do not pour into drains or waterways.</p> <p><u>Waste:</u> Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals. Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company. Do not contaminate the ground or water with waste, do not dispose of waste into the environment.</p> <p><u>Soiled packaging :</u> Empty container completely. Keep label(s) on container. Give to a certified disposal contractor.</p>

14. TRANSPORT INFORMATION

14.1 UN number						
<table border="1"> <tr> <td>UN No. Road</td> <td>3082</td> </tr> <tr> <td>UN No. SEA</td> <td>3082</td> </tr> <tr> <td>UN No. AIR</td> <td>3082</td> </tr> </table>	UN No. Road	3082	UN No. SEA	3082	UN No. AIR	3082
UN No. Road	3082					
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UN No. AIR	3082					
14.2 UN proper shipping name						
ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID N.O.S. (alpha-Cedrene)						
14.3 Transport hazard class(es)						
<p>ADR/RID/AND: Class 9 ADR/RID/AND: Class 9: Miscellaneous dangerous substances and articles. IMDG: Class 9 ICAO: Class/Division 9</p> <p>Transport Labels</p> 						
14.4 Packing group						
<p>ADR/RID/ADN Packing group: III IMDG Packing group: III ICAO Packing group: III</p>						

14.5 Environmental hazards
Environmentally Hazardous Substance/Marine Pollutant

14.6 Special precautions for user
EMS F-A-S-F Emergency Action Code 3Z Hazard No. (ADR) 90 Environmentally hazardous substance; miscellaneous dangerous substances. Tunnel Restriction Code (E)
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code
Tariff Number 33012911

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
<p><u>Statutory Instruments</u> The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).</p> <p><u>Guidance Notes</u> Workplace Exposure Limits EH40. CHIP for everyone HSG(108).</p> <p><u>EU Legislation</u> Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.</p>
15.2 Chemical safety assessment
No additional information available.

16. OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	<p>Contains: EC 207-418-4 ALPHA-CEDRENE EC 207-491-2 LONGIFOLENE Contains EC 207-491-2 LONGIFOLENE. May produce an allergic reaction.</p> <p>H304 May be fatal if swallowed and enters airways. H317 May cause an allergic skin reaction. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects.</p>
Other Information	None.
Revision Date	June 25, 2015
Reason for revision	New SDS.
Rev No/Repl, SDS Generated	01

DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

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