






# Hughes & Company

## Safety Data Sheet

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

<b>1.1 Product Identifier</b>					
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
<b>1.2 Relative identified uses of the substance or mixture and uses advised against</b>					
Suitable for cosmetic, fragrance and professional use only.					
<b>1.3 Details of the supplier of the safety data sheet</b>					
Hughes & Co Ltd, 10 Market Street – Suite 512, Camana Bay, Grand Cayman, KY1-9006 Cayman Islands. EU Address – The Ingredient Warehouse, Station Road, Uppingham, Rutland. LE15 9TX. Email – sds@hughescompany.co.uk.					
<b>1.4 Emergency Tel. No.</b>		+ 44 (0) 1572 820267			

### 02. HAZARDS IDENTIFICATION

<b>2.1 Classification of the substance or mixture</b>	
The full text for all hazard statements are displayed in Section 16.	
Classification (EC 1272/2008)	
Physical hazards:	Does not present a physical hazard
Health hazards	Asp: Tox. 1 - H304, Skin Sens. 1- H317
Environmental hazards :	Aquatic Chronic 2 - H411
<b>2.2 Label Elements</b>	
Label in accordance with (EC) No 1272/2008	
GHS08	GHS07
	
GHS09	
Signal Word	
Danger.	
Contains	
Longifolene	
Hazard Statements	
H304: May be fatal if swallowed and enters airways. H317: May cause an allergic skin reaction. H411: Toxic to aquatic life with long lasting effects.	
Precautionary Statements	
P261: Avoid breathing mist/vapours/spray.	
P273: Avoid release to the environment.	

P280: Wear protective gloves/protective clothing/eye protection.  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
P302+P352 IF ON SKIN: Wash with plenty of water.  
P331: Do NOT induce vomiting.  
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.  
P391: Collect spillage.  
P501: Dispose of contents in accordance with local, state or national legislation.

### 2.3 Other Hazards

PBT or vPvB according to Annex XIII	No additional data available.
Adverse physio-chemical properties	No additional data available.
Adverse effects on human health	No additional data available.

## 03. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substance

10% Longifolene

CAS No: 475-20-7

EC No: 207-491-2

Classification (EC 1272/2008) Asp. Tox. 1 - H304, Skin Sens. 1 - H317, Aquatic Chronic 1 - H410

## 04. FIRST AID MEASURES

### 4.1 Description of first aid measures

Inhalation	Remove from exposure area to fresh air. Get medical advice/attention.
Ingestion	Do not induce vomiting. Ingestion may cause nausea and vomiting. Immediately rinse mouth and provide fresh air. Get medical advice/attention.
Skin Contact	Remove contaminated clothing immediately and wash skin with soap and water. Get medical advice/attention if any discomfort continues.
Eye Contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical advice/attention. Continue to rinse.

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

Allergic contact dermatitis.

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

Treat symptomatically.

## 05. FIRE-FIGHTING MEASURES

### 5.1 Extinguishing Media

Extinguishing media: Carbon dioxide (CO<sub>2</sub>). 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.  
Thermal decomposition or combustion products may include the following substances:  
Carbon dioxide (CO<sub>2</sub>), Carbon monoxide (CO).

### 5.3 Advice for firefighters

Avoid inhalation of generated fumes or vapours. Wear self-contained breathing apparatus and appropriate protective clothing.




**06. ACCIDENTAL RELEASE MEASURES**

<b>6.1 Personal precautions, protective equipment and emergency procedures</b>
Refer to protective measures listed in sections 7 and 8.  <u>For emergency</u> To be equipped with suitable personal protective equipment (Refer to Section 8).
<b>6.2 Environmental Precautions</b>
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.
<b>6.3 Methods and material for containment and cleaning up.</b>
Clean preferably with a detergent, do not use solvents.
<b>6.4 Reference to other sections</b>
No additional data available.

**07. HANDLING AND STORAGE**

<b>7.1 Precautions for safe handling</b>
Always wash hands after handling. Remove and wash contaminated clothing before re-using. <u>Fire prevention:</u> Never inhale this substance. Prevent access by unauthorised personnel. <u>Recommended equipment and procedures:</u> For personal protection, see section 8. Observe precautions stated on label and also industrial safety regulations. <u>Prohibited equipment and procedures:</u> No smoking, eating or drinking in areas where the substance is used.
<b>7.2 Conditions for safe storage, including any incompatibilities</b>
<u>Storage</u> Keep away from food and drink, including those for animals. <u>Packaging</u> Always keep in packaging made of an identical material to the original.
<b>7.3 Specific end use(s)</b>
No additional data available.

**08. EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>8.1 Control parameters</b>
No additional data available.
<b>8.2 Exposure controls</b>
Protective Equipment
  
Process Conditions
Provide eyewash station.
Engineering Measures
Provide adequate ventilation.
Respiratory Equipment
Generally unnecessary in a well ventilated area. If ventilation is insufficient, respiratory protection must be worn.

Hand Protection	Use suitable protective gloves that are resistant to chemical agents 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	Approx. 0.940 @ 20°C
Flash Point (°C)	>100°C
Refractive Index	Approx. 1.515 @ 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 extreme heat and direct sunlight.	
10.5 Incompatible materials	
Avoid contact with strong acids, alkalis or oxidising agents.	
10.6 Hazardous Decomposition Products	
The thermal decomposition may release/form: - carbon monoxide (CO), carbon dioxide (CO <sub>2</sub> )	

**11. TOXOLOGICAL INFORMATION**

11.1 Information on toxicological effects	
Acute Toxicity	Not classified.
Skin corrosion / irritation	Not classified.
Serious eye damage / irritation	Not classified.
Respiratory or skin sensitisation	May cause an allergic skin reaction.
Germ Cell Mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
STOT-single exposure	Not classified.
STOT-repeated exposure	Not classified.
Aspiration hazard	May be fatal if swallowed and enters airways.
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	
	Do not pour into drains or waterways. <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. <u>Soiled packaging :</u> Empty container completely. Keep label(s) on container. Give to a certified disposal contractor.

**14. TRANSPORT INFORMATION**

14.1 UN number	
UN No. Road	3082
UN No. SEA	3082

UN No. AIR	3082
<b>14.2 UN proper shipping name</b>	
ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID N.O.S. (alpha-Cedrene)	
<b>14.3 Transport hazard class(es)</b>	
ADR/RID/AND:	Class 9
ADR/RID/AND:	Class 9: Miscellaneous dangerous substances and articles.
IMDG:	Class 9
ICAO:	Class/Division 9
Transport Labels	
	
<b>14.4 Packing group</b>	
ADR/RID/ADN Packing group:	III
IMDG Packing group:	III
ICAO Packing group:	III
<b>14.5 Environmental hazards</b>	
Environmentally Hazardous Substance/Marine Pollutant	
	
<b>14.6 Special precautions for user</b>	
EMS F-A-S-F Emergency Action Code 3Z Hazard No. (ADR) 90 Environmentally hazardous substance; miscellaneous dangerous substances. Tunnel Restriction Code (E)	
<b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code</b>	
No additional data available.	

## 15. REGULATORY INFORMATION

<b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</b>
<u>Statutory Instruments</u> The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). <u>Guidance Notes</u> Workplace Exposure Limits EH40. CHIP for everyone HSG(108). <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.

**15.2 Chemical safety assessment**

No additional information available.

**16. OTHER INFORMATION**

Hazard and/or Precautionary Statements in Full	H304: May be fatal if swallowed and enters airways. H317: May cause an allergic skin reaction. H410: Very toxic to aquatic life with long lasting effects. H411: Toxic to aquatic life with long lasting effects.
Other Information	None.
Revision Date	28/03/20
Reason for revision	Updated SDS. MW
Rev No/Repl, SDS Generated	03, replaces 02

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