



Essential Oils Direct Ltd

Safety Data Sheet

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

1.1 Product Identifier					
Product Name		Cedarwood Oil Virginian.			
Biological Definition		Juniperus Virginiana Wood Oil is an essential oil obtained from the wood and twigs of the Red Cedar, <i>Juniperus virginiana L., Cupressaceae</i> . It contains chiefly cedrene and cedral (cedar camphor)			
INCI Name		Juniperus Virginiana Wood Oil			
Synonyms & Trade Names		-			
CAS-No	85085-41-2	EC No.	285-370-3	EINECS No.	285-370-3
1.2 Relative identified uses of the substance or mixture and uses advised against					
Industry use only.					
1.3 Details of the supplier of the safety data sheet					
Essential Oils Direct Ltd 13 Parkside Industrial Estate, Royton, Oldham OL2 6DS - Reg No 04199912					
1.4 Emergency Tel. No.		+ 44 (0) 161 633 3952			

02. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture		
The full text for all hazard statements displayed in Section 16.		
Classification (EC 1272/2008)		
Acute toxicity - Oral	Category 4 - (H302)	
Aspiration toxicity	Category 1 - (H304)	
Acute aquatic toxicity	Category 1 - (H400)	
Chronic aquatic toxicity	Category 1 - (H410)	
2.2 Label Elements		
Label in accordance with (EC) No 1272/2008		
GHS07	GHS08	GHS09
Signal Word	Danger.	
Contains	THUJOPSENE, ALPHA CUPARENE	
Hazard Statements		
H302 - Harmful if swallowed. H304 - May be fatal if swallowed and enters airways. H410 - Very toxic to aquatic life with long lasting effects.		
Precautionary Statements		

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.	
P273 - Avoid release to the environment.	
P501 - Dispose of contents/ container to an approved waste disposal plant.	
Supplementary Precautionary Statements	
None.	
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	Causes mild skin irritation.

03. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances		
35-45% THUJOPSENE	CAS-No: 470-40-6	EC No: 207-426-8
Classification (EC 1272/2008): Asp. Tox. 1 (H304), (EFFA) Aquatic Acute 1 (H400) (EFFA), Aquatic Chronic 1, (H410) (EFFA)		
15-25% CEDROL	CAS-No: 77-53-2	EC No: 201-035-6
Classification (EC 1272/2008): Aquatic Acute 2 (H401) (EFFA), Skin Irrit. 3 (316) (EFFA) Aquatic Chronic 2 (H411) (EFFA), Flam 4 (H227)		
10-20% ALPHA CEDRENE	CAS-No: 469-61-4	EC No: 207-418-4
Classification (EC 1272/2008): Aquatic Acute 1 (H400) (EFFA), Skin Irrit. 3 (316) (EFFA), Aquatic Chronic 1 (H410) (EFFA), Aquatic Acute 1 (H400), Skin Irrit. 3 (H316), Aquatic Chronic 1 (H410)		
2-6% BETA CEDRENE	CAS-No: 46-28-1	EC No: N/A
Classification (EC 1272/2008): Skin Irrit. 3 (H316), Aquatic Acute (H401), Aquatic Chronic 1 (H410)		
2-6% ALPHA CUPARENE	CAS-No: 56324-31-3	EC No: N/A
Classification (EC 1272/2008): Acute Tox. 4 (H302) (EFFA)		

04. FIRST AID MEASURES

4.1 Description of first aid measures	
Inhalation	Move to fresh air in case of accidental inhalation of vapours. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.
Ingestion	Do not induce vomiting without medical advice. Clean mouth with water. Never give anything by mouth to an unconscious person. Get medical attention.
Skin Contact	Remove contaminated clothing and shoes. Wash off immediately with soap and plenty of water. Wash contaminated clothing before reuse. Consult a physician if necessary.
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists:

	Get medical advice/attention.
4.2 Most important symptoms and effects, both acute and delayed	
	None known.
4.3 Indication of any immediate medical attention and special treatment needed	
	Treat symptomatically.

05. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media	
	Suitable extinguishing media: use CO ₂ , dry chemical or Foam.
5.2 Special hazards arising from the product	
	Thermal decomposition can lead to release of irritating and toxic gases and vapours. Hazardous combustion products Irritating or toxic substances may be emitted upon burning, combustion, or decomposition.
5.3 Advice for firefighters	
	Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

06. ACCIDENTAL RELEASE MEASURES


6.1 Personal precautions, protective equipment and emergency procedures	
	Ensure adequate ventilation, especially in confined areas. Use personal protection recommended in Section 8.
6.2 Environmental Precautions	
	Collect spillage. Prevent any material from entering drains or waterways.
6.3 Methods and material for containment and cleaning up.	
	<u>Methods for Containment</u> Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13). <u>Methods for cleaning up</u> Cover liquid spill with sand, earth or other non-combustible absorbent material. Sweep up and shovel into suitable containers for disposal.
6.4 Reference to other sections	
	Wear protective clothing as described in Section 8 of this safety data sheet.

07. HANDLING AND STORAGE

7.1 Precautions for safe handling	
	Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation, especially in confined areas.
7.2 Conditions for safe storage, including any incompatibilities	
	Storage conditions: keep containers tightly closed in a dry, cool and well ventilated place.
7.3 Specific end use(s)	
	Risk Management Methods (RMM): The information required is contained in this Material Safety Data Sheet.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters	
	Derived No Effect Level (DNEL) No information available
	Predicted No Effect Concentration (PNEC) No information available

8.2 Exposure controls	
Protective Equipment	
	
Process Conditions	Provide eyewash station.
Engineering Measures	Ensure adequate ventilation, especially in confined areas.
Respiratory Equipment	Ensure adequate ventilation. Breathing apparatus should not be necessary.
Hand Protection	Wear gloves to avoid skin contact.
Eye Protection	Avoid contact with eyes. Wear safety glasses with side shields (or goggles).
Other Protection	Wear suitable protective clothing, to avoid skin contact.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils. Store personal protective equipment in a clean place, away from the work area. 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. Ensure protective equipment is clean and has been properly maintained.
Skin Protection	Avoid skin contact. Wear suitable protective clothing. Wash contaminated clothing before reuse.
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	Liquid, pale yellow to dark yellow.
Colour	Pale yellow to dark yellow.
Odour	Characteristic.
Relative Density	0.943 - 0.963 @ 20°C
Flash Point (°C)	> 100.0
Refractive Index	1.501 - 1.511 @ 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	No additional data available.
Auto-ignition temperature (°C)	No additional data available.
9.2 Other information	
No additional data available.	

10. STABILITY AND REACTIVITY

10.1 Reactivity	
No additional data available.	
10.2 Chemical stability	
Stable under the recommended handling and storage conditions. Explosion data	

Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	None.
10.3 Possible hazardous reactions	
None under normal conditions of use.	
10.4 Conditions to Avoid	
Avoid extremes of temperature and direct sunlight.	
10.5 Incompatible materials	
No additional data available.	
10.6 Hazardous Decomposition Products	
None under normal conditions of use.	

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects	
Acute Toxicity	<p>Product does not present an acute toxicity hazard based on known or supplied information.</p> <p>Inhalation No data available. Eye Contact No data available. Skin Contact No data available. Ingestion No data available.</p> <p>The following values are calculated based on chapter 3.1 of the GHS document ATEmix (oral) 500.00 <u>Unknown acute toxicity</u> 100 % of the mixture consists of ingredient(s) of unknown toxicity. 96 % of the mixture consists of ingredient(s) of unknown acute oral toxicity. 100 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity. 100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas) 100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapour) 100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)</p> <p>CEDROL Dermal LD50 > 5g/kg (Rabbit)</p>
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	No additional data available.
Photo-toxicity	No additional data available.
Other Information	No additional data available.


12. ECOLOGICAL INFORMATION


12.1 Toxicity
21 % of the mixture consists of components(s) of unknown hazards to the aquatic environment.
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
Do not allow product to enter streams, sewers or other waterways.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Do not pour into drains or waterways. <u>Disposal of wastes</u> Disposal should be in accordance with applicable regional, national and local laws and regulations. <u>Contaminated packaging</u> Improper disposal or reuse of this container may be dangerous and illegal.

14. TRANSPORT INFORMATION

14.1 UN number	
UN No. Road	UN3082
UN No. SEA	UN3082
UN No. AIR	UN3082
14.2 UN proper shipping name	
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	
14.3 Transport hazard class(es)	
ADR/RID/ADN Class: 9: Miscellaneous dangerous substances and articles. IMDG Class: 9 ICAO Class/Division: 9	
Transport Labels	
	
14.4 Packing group	
ADR/RID/ADN Packing group	III
IMDG Packing group	III
ICAO Packing group	III

14.5 Environmental hazards
Environmentally Hazardous Substance/Marine Pollutant

14.6 Special precautions for user
None.
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code
No additional data available.

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	H400 - Very toxic to aquatic life H410 - Very toxic to aquatic life with long lasting effects H316 - Causes mild skin irritation H304 - May be fatal if swallowed and enters airways H401 - Toxic to aquatic life H302 - Harmful if swallowed H411 - Toxic to aquatic life with long lasting effects H227 - Combustible liquid
Other Information	None
Revision Date	26/07/2016
Reason for revision	Updated into new SDS format
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.