




## MATERIAL SAFETY DATA SHEET

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

<b>1.1 Product Identifier</b>					
Product Name		Cedarwood Virginian Essential Oil			
Biological Definition		Juniperus Virginiana Wood Oil is an essential oil obtained from the wood and twigs of the Red Cedar, <i>Juniperus virginiana L.</i> ,			
INCI Name		Juniperus Virginiana Wood Oil			
Synonyms & Trade Names		Juniperus Virginiana Wood Oil			
CAS-No	85085-41-2	EC No.	285-370-3	EINECS No.	285-370-3
<b>1.2 Relative identified uses of the substance or mixture and uses advised against</b>					
No additional data available.					
<b>1.3 Details of the supplier of the safety data sheet</b>					
AE Cosmetics Ltd, 69 Bethel Street, Norwich, Norfolk, United Kingdom NR2 1NR					
<b>1.4 Emergency Tel. No.</b>		+44(0)1603 610883			

### 02. HAZARDS IDENTIFICATION

<b>2.1 Classification of the substance or mixture</b>		
The Full Text for all Hazard Statements is 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)		
<b>2.2 Label Elements</b>		
Label in accordance with (EC) No 1272/2008		
GHS07	GHS08	GHS09
		
Signal Word		Danger
Contains		THUJOPSENE, ALPHA CUPARENE
<b>Hazard Statements</b>		
<p>H302 - Harmful if swallowed.</p> <p>H304 - May be fatal if swallowed and enters airways.</p> <p>H410 - Very toxic to aquatic life with long lasting effects.</p> <p>P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.</p> <p>P273 - Avoid release to the environment.</p> <p>P501 - Dispose of contents/ container to an approved waste disposal plant.</p>		

<b>Precautionary Statements</b>	
<p>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.</p>	
<b>Supplementary Precautionary Statements</b>	
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	No additional data available.

## 03. COMPOSITION/INFORMATION ON INGREDIENTS

<b>3.2 Mixtures</b>	
<b>35-45% THUJOPSENE</b> 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)	
<b>15-25% CEDROL</b> 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)	
<b>10-20% ALPHA CEDRENE</b> 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)	
<b>2-6% BETA CEDRENE</b> CAS-No: 46-28-1 EC No: N/A Classification (EC 1272/2008): Skin Irrit. 3 (H316), Aquatic Acute (H401), Aquatic Chronic 1 (H410)	

## 04. FIRST AID MEASURES

<b>4.1</b>	<b>Description of first aid measures</b>
Inhalation	Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
Ingestion	Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. Do not induce vomiting.
Skin Contact	Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.
Eye Contact	Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.
<b>4.2</b>	<b>Most important symptoms and effects, both acute and delayed</b>
	No additional data available.
<b>4.3</b>	<b>Indication of any immediate medical attention and special treatment needed</b>
	No additional data available.

## 05. FIRE-FIGHTING MEASURES

<b>5.1 Extinguishing Media</b>	Do not use a direct stream of water to extinguish. Use: Powder. Carbon dioxide (CO2).
<b>5.2 Special hazards arising from the product</b>	Specific hazards: When heated and in case of fire, toxic vapours/gases may be formed.
<b>5.3 Advice for firefighters</b>	Protective equipment for fire-fighters: Wear Self-contained breathing apparatus. Wear chemical protective clothing.


## 06. ACCIDENTAL RELEASE MEASURES

<b>6.1 Personal precautions, protective equipment and emergency procedures</b>	Wear protective clothing as described in Section 8 of this safety data sheet.
<b>6.2 Environmental Precautions</b>	Do not discharge into drains, water courses or onto the ground.
<b>6.3 Methods and material for containment and cleaning up.</b>	Absorb with inert, non-combustible, inorganic absorbent material, sweep up and remove to an approved disposal container. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking.
<b>6.4 Reference to other sections</b>	No additional data available.

## 07. HANDLING AND STORAGE

<b>7.1 Precautions for safe handling</b>	Avoid spilling, skin and eye contact. Adopt best manual handling considerations when handling, carrying and dispensing.
<b>7.2 Conditions for safe storage, including any incompatibilities</b>	Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container. Keep away from heat, sparks and open flame.
<b>7.3 Specific end use(s)</b>	No additional data available.

## 08. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>8.1 Control parameters</b>	
Ingredient Comments :	No exposure limits noted for ingredient.
<b>8.2 Exposure controls</b>	
Protective Equipment	
	
Process Conditions	Safety shower and eye bath.
Engineering Measures	Provide adequate ventilation. Respiratory equipment. Self-contained breathing apparatus.
Respiratory Equipment	Protection not required if good ventilation is maintained. Use inhalation protection in poorly ventilated areas.
Hand Protection	Use suitable protective gloves if risk of skin contact.
Eye Protection	Wear approved safety goggles.
Other Protection	Wear rubber apron.
Hygiene Measures	Remove contaminated clothing and wash the skin thoroughly with soap and water after work.
Personal Protection	Use personal protection according to Directive 89/686/EEC.
Skin Protection	Wear apron or protective clothing in case of splashes.
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.	
10.3 Possible hazardous reactions	
No additional data available.	
10.4 Conditions to Avoid	
Avoid heat, sparks and open flames.	
10.5 Incompatible materials	
Materials To Avoid: Strong acids, alkali or oxidising agents.	
10.6 Hazardous Decomposition Products	
In case of fire, dangerous decomposition products can be generated, such as carbon monoxide and dioxide and nitrogen fumes and oxides.	

## 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.</p> <p>Eye Contact No data available.</p> <p>Skin Contact No data available.</p> <p>Ingestion No data available.</p> <p>The following values are calculated based on chapter 3.1 of the GHS document</p> <p>ATE mix (oral) 500.00</p> <p>Unknown acute toxicity</p> <p>100 % of the mixture consists of ingredient(s) of unknown toxicity.</p> <p>96 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.</p> <p>100 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.</p> <p>100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)</p> <p>100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapour)</p> <p>100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)</p> <p>CEDROL Dermal LD50 &gt; 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.
Photo-toxicity	No additional data available.
Other Information	No additional data available.



## 12. ECOLOGICAL INFORMATION

<b>12.1 Toxicity</b>
21 % of the mixture consists of component(s) of unknown hazards to the aquatic environment.
<b>12.2 Persistence &amp; degradability</b>
Degradability: No additional data available.
<b>12.3 Bioaccumulation Potential</b>
Bioaccumulative potential: No data available on bioaccumulation.
<b>12.4 Mobility in soil</b>
No additional data available.
<b>12.5 Results of PBT and vPvB Assessment</b>
No additional data available.
<b>12.6 Other adverse effects</b>
Do not allow product to enter streams, sewers or other waterways.

## 13. DISPOSAL CONSIDERATIONS

<b>13.1 Waste treatment methods</b>
Dispose of in compliance with all local and national regulations.

## 14. TRANSPORT INFORMATION

<b>14.1 UN number</b>	
UN No. Road	UN3082
UN No. SEA	UN3082
UN No. AIR	UN3082
<b>14.2 UN proper shipping name</b>	
None	
<b>14.3 Transport hazard class(es)</b>	
ADR/RID/ADN Class:	9 Miscellaneous dangerous substances and articles.
ICAO Class/Division:	9
IMDG Class:	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>	
None	
<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</b>	<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>
	<p>Statutory Instruments The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Guidance Notes Workplace Exposure Limits EH40. CHIP for everyone HSG(108). EU Legislation 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>
<b>15.2</b>	<b>Chemical safety assessment</b>
	No additional information available.

## 16. OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	<p>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</p>
Other Information	
Revision Date	None.
Reason for revision	20/10/2016
Rev No/Repl, SDS Generated	Updated New Format SDS.
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