



SAFETY DATA SHEET

TRADE NAME: CEDARWOOD OIL VIRGINIANA

1 Identification of the Substance/Mixture and of the Company/Undertaking

1.1	Trade Name	CEDARWOOD OIL VIRGINIANA
	EC Number	285-370-3
	EC Name	Juniper, Juniperis virginiana, ext.
	CAS Number (EC Inventory)	85085-41-2
1.2	Relevant Identified Uses of the Substance or Mixture and Uses Advised Against	Multiple uses in the Flavour and Fragrance industries.
1.3	Details of the Supplier of the Safety Data Sheet	H REYNAUD & FILS (UK) Limited, Unit 1 Strand Court, Watt Close, East Portway Business Park, ANDOVER, Hampshire, SP10 3TG TEL: 01264 355504 FAX: 01264 369498 EMAIL: office@reynaud.co.uk
1.4	Further Information Obtainable from	H REYNAUD & FILS (UK) LTD
1.5	Emergency Telephone Number	01264 355504

2 Hazards Identification

2.1 Classification of the Substance or Mixture:

Classification in Accordance with GHS Hazard Codes	H304	May be fatal if swallowed and enters airways.
	H316	Causes mild skin irritation.
	H410	Very toxic to aquatic life with long lasting effects.

Classification in Accordance with the Classification Labelling and Packaging Regulation EC No. 1272/2008:

Hazard Statements:

H304	May be fatal if swallowed and enters airways.
H410	Very toxic to aquatic life with long lasting effects.

Precautionary Statements:

P273	Avoid release to the environment.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTRE or Doctor.
P331	Do NOT induce vomiting.
P391	Collect spillage.

2.2 Label Elements:

Hazard Pictograms:



Signal Word	DANGER
2.3 Other Hazards	No additional information.

3 Composition/Information on Ingredients

3.1 Chemical Characterisation:

Substances Description	CEDARWOOD OIL VIRGINIANA 100%
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4 First Aid Measures

4.1 Description of First Aid Measures:

Eye Contact	Irrigate the eyes with copious volumes of water for at least 15 minutes with the eye lids held open. Seek medical advice if inflammation persists.	
Inhalation	Remove person to fresh air, remove any contaminated clothing, in case of breathing difficulty seek medical advice.	
Skin Contact	Wash affected area with soap and running water, if irritation persists seek medical advice.	
Ingestion	Dilute internally with water. Do not induce vomiting. Seek medical advice immediately.	
4.2	Most Important Symptoms and Effects, Both Acute and Delayed	No further information available at this time.
4.3	Indication of Immediate Medical Attention and Special Treatment Needed	Symptomatic treatment as required.

5 Fire-fighting Measures

5.1	Extinguishing Media	Foam, CO ₂ , Dry Powder.
5.2	Special Hazards Arising from the Substance or Mixture	Combustion Products: Carbon monoxide, Carbon dioxide, Smoke.
5.3	Advice for Fire-fighters	Do not use water as extinguishing media. No special fire-fighting equipment needed.

6 Accidental Release Measures

6.1	Personal Precautions, Protective Equipment and Emergency Procedures	Wear clothing suitable for an emergency.
6.2	Environmental Precautions	Contain the leak with earth or sand. Prevent from entering drains, sewers and water courses. If this cannot be done, advise the local authority.
6.3	Methods and Material for Containment and Cleaning Up	Absorb spillage onto sand or earth. Transfer to a suitable container for disposal.

7 Handling and storage

7.1	Precautions for Safe Handling	Handle in a well ventilated area, away from sources of ignition. DO NOT SMOKE.
7.2	Conditions for Safe Storage, Including any Incompatibilities	Store in well-fitted, tightly closed original containers away from heat, light and sources of ignition.
7.3	Specific End Use(s)	Used in Flavours and Fragrances.

8 Exposure Controls/Personal Protection

8.1	Control Parameters	No information available.
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8.2 Exposure Controls:

Engineering Measures	Use suitable handling equipment.
Respiratory Equipment	Use only in well ventilated areas. Use protection in poor ventilation.
Hand Protection	Wear gloves.
Eye Protection	Wear safety goggles.



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Skin Protection	Wear suitable protective clothing.
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9 Physical and chemical properties

9.1 Basic Information on Physical and Chemical Properties:

State	Clear, mobile liquid.
Odour	Characteristic of Cedarwood.
pH	-
Boiling Point °C	-
Melting Point °C	-
Flash Point (Closed Cup)	>93°C
Flammability	Combustible.
Vapour Pressure	-
Auto-flammability °C	-
Explosive Properties	-
Oxidising Properties	-
Specific Gravity at 20/20°C	0.941-0.965
Refractive Index at 20°C	-
Optical Rotation at 20°C	-
Solubility in Water	Insoluble.
Solubility in Oil	Soluble.
Solubility in Ethanol	Soluble.
Exposure Limits	-
Viscosity	-
Acid Value mg KOH/g	-

10 Stability and reactivity

10.1	Reactivity	Will react with oxidising agents.
10.2	Chemical Stability	Stable under proper storage conditions.
10.3	Possibility of Hazardous Reactions	Not if stored correctly.
10.4	Conditions to Avoid	Do not leave containers open to the air. Avoid storage at elevated temperatures and sources of ignition.
10.5	Incompatible Materials	Oxidising agents.
10.6	Hazardous Decomposition Products	On combustion may produce smoke, carbon monoxide and carbon dioxide.

11 Toxicological Information

11.1	Information on Toxicological Effects	This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its major components.
	Acute Toxicity	LD ₅₀ 5000 mg/kg (rat). Dermal 50kg (Rabbit).
	Skin Corrosion/Irritation	Causes skin irritation.
	Serious Eye Damage/Irritation	May cause eye irritation.
	Respiratory or Skin Sensitisation	May cause an allergic skin reaction.



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Germ Cell Mutagenicity	No data available.
Carcinogenicity	No data available.
Reproductive Toxicity	No data available.
STOT-single Exposure	No data available.
STOT-repeated Exposure	No data available.
Aspiration Hazard	No data available.

12 Ecological Information

12.1 Toxicity	No data available.
12.2 Mobility	No data available.
12.3 Persistence & Biodegradability	No data available.
12.4 Bioaccumulation Potential	No data available.
12.5 PBT Assessment Results	No data available.

13 Disposal Considerations

Please refer to the information in Section 8 (Exposure controls and personal protection).

13.1 Waste Treatment Methods	Do not dispose into drainage systems. Ensure disposal is within local and national guidelines. Consult a specialist waste disposal company for correct disposal procedure and/or seek other expert advice.
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14 Transport Information

		ADR	IMDG	ICAO
14.1 UN Number		3082		
14.2 UN Proper Shipping Name		CEDARWOOD OIL VIRGINIANA		
14.3 Transport Hazard Class(es)		9	9	9
14.4 Packing Group		III		
14.5 Environmental Hazards				
14.6 Special Precautions for User				
14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code				

15 Regulatory information

15.1 Safety, Health and Environmental Regulations/ Legislation Specific for the Substance or Mixture	This substance is listed as existing in Europe.
15.2 Chemical Safety Assessment	A chemical safety assessment has not been carried out for this product.

16 Other Information

16.1 List of Abbreviations Used in this MSDS:

CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging Regulation EC No. 1272/2008
DSD	Dangerous Substances Directive 67/548/EEC
DPD	Dangerous Preparations Directive 1999/45/EC
EC	European Community/Commission
PBT	Persistent, Bioaccumulative and Toxic



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REACH	Registration, Evaluation, Authorisation and Restriction of Chemical Regulation EC No. 1907/2006
vPvB	Very Persistent, very Bioaccumulative
16.2	Reference Food Cosmetics Toxicology 14 709-12 (1976).

WARNING/DISCLAIMER:

The information in this Material Safety Data Sheet is based on the properties of the material known to H Reynaud at the time the data sheet was issued. The safety data sheet is intended to provide information for health and safety assessment of the material and the circumstances under which it is packaged, stored or applied in the workplace. This document is not intended for quality assurance purposes.