

Cedarwood Oil Virginia cedarwood-oil-virginia · Version 1.0 · Issued 29 August 2026

SECTION 1 — IDENTIFICATION

1.1 Product identifier

Product name	Cedarwood Oil Virginia
Catalogue SKU	cedarwood-oil-virginia
Botanical source	<i>Juniperus virginiana</i> L., wood. Steam distilled.
INCI name	Juniperus Virginiana Oil
CAS number	8000-27-9. The material also appears under CAS 85085-41-2.
EC number	285-370-3
Substance or mixture	Natural essential oil — a substance of complex and variable composition, supplied neat.
Manufacturer's reference	Vigon item 500489

1.2 Relevant identified uses and uses advised against

Identified uses	Concentrated aromatic ingredient for use in fragrance compounds in accordance with legal and IFRA guidelines. For manufacturing use only.
Uses advised against	Not supplied for use undiluted on skin, as a finished consumer product, or for ingestion. The material has not been evaluated for use in e-cigarettes or any vaping application and is not supplied for that purpose. The aspiration hazard in Section 2 makes swallowing this material dangerous.

1.3 Details of the supplier of the safety data sheet

Supplier	Veriscents 30 N. Gould Street Sheridan, WY 82801 United States
Telephone	+1 877.863.7700
E-mail	support@veriscents.com
Responsible contact	Regulatory Officer

Issued to

1.4 Emergency telephone number

Emergency telephone (24 h)	+1 800.222.1222 — Poison Help, US national poison control
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Scope of the emergency number

Poison Help provides medical advice on human exposure — ingestion, inhalation, skin and eye contact — and routes the caller to their regional poison center. It operates around the clock.

It is not a chemical incident response service. It does not handle spills, fire or transport incidents and does not satisfy 49 CFR 172.604. This SKU is a regulated dangerous good by sea and by European road and rail; see Section 14, which records the emergency response contract required before those shipments can be tendered.

Provenance. This sheet is derived from the manufacturer's safety data sheet for the same material and is re-issued under the Veriscents name for a repackaged product. Sources, corrections and departures are set out in Section 16.

SECTION 2 — HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Hazard class	Category	Hazard statement
Aspiration hazard	Category 1	H304 — May be fatal if swallowed and enters airways
Hazardous to the aquatic environment — acute	Category 1	H400 — Very toxic to aquatic life
Hazardous to the aquatic environment — long-term	Category 1	H410 — Very toxic to aquatic life with long lasting effects

No physical hazard is classified. Environmental hazard classes fall outside OSHA's jurisdiction under 29 CFR 1910.1200 and are given here for information and for transport purposes; they are the reason this material ships as a marine pollutant.

2.2 Label elements

Signal word	Danger	
Pictogram	Code	Applies to
Health hazard	GHS08	Aspiration hazard, Category 1
Environment	GHS09	Hazardous to the aquatic environment, Category 1

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Hazard statements

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

H410 is added here; the manufacturer's label omits it

The manufacturer classifies the material Aquatic Acute 1 and Aquatic Chronic 1, prints the GHS09 environment pictogram, and ships it as UN 3082, marine pollutant. Their label elements nonetheless list H304 alone, and their precautionary set omits P273 and P391.

H410 and the missing precautionary statements are restored here. A label carrying the environment pictogram with no environmental hazard statement is incomplete on its face, and the omission matters most for the people least likely to check — anyone deciding how to handle a spill.

Precautionary statements

Prevention	P273 — Avoid release to the environment. P280 — Wear protective gloves and eye protection (good practice for a concentrated essential oil; not required by the classification).
Response	P301+P310 — IF SWALLOWED: Immediately call a POISON CENTER or doctor. P331 — Do NOT induce vomiting. P391 — Collect spillage.
Storage	P405 — Store locked up.
Disposal	P501 — Dispose of contents and container in accordance with local, regional, national and international regulations.

2.3 Other hazards

No hazards not otherwise classified are known. The material is a combustible liquid, NFPA Class IIIB, with a closed-cup flash point of 100 °C; it is not a flammable liquid. The manufacturer records that acute inhalation toxicity is unknown for the whole of the substance, and that its aquatic hazard data is incomplete; those gaps are stated rather than read as evidence of safety.

SECTION 3 — COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

Component	CAS	EC	%	Classification
Cedarwood oil, Virginia	8000-27-9	285-370-3	100	Asp. Tox. 1 (H304); Aquatic Acute 1 (H400); Aquatic Chronic 1 (H410)

Supplied neat, with no diluent, solvent or carrier added by Veriscents. As a steam-distilled wood oil the material is a natural mixture whose principal constituents are sesquiterpenes and sesquiterpene alcohols — chiefly cedrene, thujopsene and cedrol. The manufacturer does not itemise them, and Veriscents has requested a compositional profile.

SECTION 4 — FIRST-AID MEASURES

4.1 Description of first-aid measures

Inhalation	If breathing is difficult, move the affected person to fresh air and keep them at rest in a position comfortable for breathing. Oxygen may be needed for breathing difficulties. Call a physician if symptoms develop or persist.
Skin contact	Take off all contaminated clothing immediately. Wash the skin thoroughly with soap and water for several minutes. Get medical attention if irritation develops and persists.
Eye contact	Remove contact lenses if present and easy to do. Wash the eyes promptly with plenty of water while holding the eyelids apart. Get medical attention if irritation develops and persists.
Ingestion	Call a physician or poison control center immediately. Rinse the mouth with water, but only if the person is conscious. Do not induce vomiting. If vomiting occurs, keep the head low so that vomit does not enter the lungs.

4.2 Most important symptoms and effects, acute and delayed

The significant effect is aspiration. Droplets drawn into the lungs through swallowing or vomiting can cause serious chemical pneumonia, with pulmonary oedema and pneumonitis; onset may be delayed by several hours. The manufacturer also reports mild skin and mild eye irritation on contact.

4.3 Indication of immediate medical attention and special treatment

No specific antidote is known. Where ingestion is suspected, aspiration risk should govern management and induced emesis avoided unless directed by a poison centre. Ensure medical personnel are aware of the material involved and take precautions to protect themselves. Show this safety data sheet to the attending physician.

SECTION 5 — FIRE-FIGHTING MEASURES

5.1 Extinguishing media	Suitable: water spray, water fog, carbon dioxide, dry chemical or alcohol-resistant foam. Unsuitable: a solid water stream, which may scatter and spread the fire.
5.2 Special hazards	Fire may produce irritating, corrosive or toxic gases. Fire-water run-off is a significant pollution hazard because the material is very toxic to aquatic life with long lasting effects; keep run-off out of sewers and watercourses and dike for water control.
5.3 Advice for fire-fighters	Use standard protective equipment including flame-retardant coat, helmet with face shield, gloves and rubber boots, and self-contained breathing apparatus with a full facepiece in positive pressure demand mode. Structural fire-fighting clothing gives only limited protection. Use water spray to cool unopened containers, and move containers from the fire area where that can be done safely. Ventilate closed spaces before entering.

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SECTION 6 — ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions	Keep unnecessary personnel away and eliminate ignition sources. Avoid skin contact and avoid inhaling vapour or mist. Do not touch damaged containers or spilled material without appropriate protective clothing. Ventilate closed spaces before entering.
6.2 Environmental precautions	This is the governing precaution for this SKU. The material is very toxic to aquatic life with long lasting effects, is immiscible with water and will spread across a water surface. Prevent it entering drains, sewers, surface water and groundwater; retain and dispose of contaminated wash water; and contact local authorities in the event of a spill reaching a drain or the aquatic environment.
6.3 Containment and clean-up	Stop the flow of material if that can be done safely and dike the spill. Absorb with dry clay, sand, diatomaceous earth or a commercial sorbent, or recover using pumps. For large spills, cover with plastic sheet to limit spreading before absorbing into vermiculite, dry sand or earth. For small spills, wipe up with absorbent material and clean the surface to remove residue. Never return spilled material to the original container. The material and its container must be disposed of as hazardous waste.
6.4 Reference to other sections	See Sections 8 and 13.

SECTION 7 — HANDLING AND STORAGE

7.1 Precautions for safe handling	Do not handle or store near open flame, heat or other ignition sources. Avoid breathing vapour, avoid contact with eyes, skin and clothing, and avoid prolonged exposure. Wash thoroughly after handling. Observe good industrial hygiene practice: wash before eating, drinking or smoking, and launder work clothing and protective equipment routinely.
7.2 Conditions for safe storage	Keep containers closed and handle them with care. Open slowly to control any pressure release. Store in a cool, well-ventilated area away from heat and direct light, and away from strong oxidising agents. The oil may crystallise on standing or in cold storage — cedrol comes out of solution — which is a normal characteristic of this material and not a defect; warm the container gently and homogenise before use. Secondary containment is advisable given the aquatic classification.
7.3 Specific end uses	Fragrance compounding within IFRA guidelines; see Section 15 .

SECTION 8 — EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Basis	Value
OSHA permissible exposure limit (PEL)	None established
ACGIH threshold limit value (TLV)	None established
NIOSH recommended exposure limit (REL)	None established
Biological limit values	None established for the ingredients

8.2 Exposure controls

Engineering controls	Provide adequate general and local exhaust ventilation at points where the material is weighed, transferred or heated. No occupational exposure limit is established for this material, so ventilation should be sufficient to keep airborne concentrations as low as reasonably practicable rather than measured against a numerical limit. See Section 16, correction 4, on the ventilation specification given by the manufacturer.
Eye and face protection	Safety glasses with side shields, or goggles where splashing is possible.
Skin protection	Chemically resistant gloves and suitable protective clothing. Breakthrough time has not been determined for this material; confirm glove selection with the glove supplier for the actual contact conditions.
Respiratory protection	Not required where ventilation is adequate. Where ventilation is insufficient, provide suitable respiratory protection under a written programme meeting 29 CFR 1910.134.
Environmental exposure controls	Do not allow the product to enter drains or watercourses. Use secondary containment during transfer and decanting.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

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Property	Value	Property	Value
Physical state	Liquid	Flammability / explosive limits	Not available
Appearance and colour	Not stated on the source sheet — see note	Vapour pressure	> 0.1 mm Hg at 20 °C; 0.27 kPa at 25 °C
Odour	Characteristic; woody, sweet-balsamic	Vapour density	Not available
Odour threshold	Not available	Relative density	0.94 g/cm ³ at 20 °C (estimated) — see note
pH	Not available	Specific gravity	0.96 at 25 °C — see note
Melting / freezing point	Not available	Solubility in water	Insoluble; the product floats and spreads on water
Initial boiling point / range	Not available	Partition coefficient, n-octanol/water	Not available
Flash point	100 °C (212 °F), closed cup	Auto-ignition temperature	Not available
Flammability class	Combustible, NFPA Class IIIB (estimated)	Decomposition temperature	Not available
Evaporation rate	Not available	Explosive / oxidising properties	Not explosive; not oxidising

Appearance, and two density figures that do not reconcile

The manufacturer gives appearance and colour as “refer to spec sheet”. A safety data sheet should stand on its own, since the person cleaning up a spill may not hold the specification. ISO 4724 describes oil of cedarwood, Virginia as a fairly viscous liquid, sometimes containing crystals, almost colourless to pale yellow, with a relative density of 0.941–0.970 and a refractive index of 1.5040–1.5080 at 20 °C. Those are the specification the oil should meet, not measurements of this lot, and are given here for orientation only.

The two density figures on the source sheet do not sit together: a density of 0.94 g/cm³ at 20 °C against a specific gravity of 0.96 at 25 °C runs the wrong way, since a liquid is less dense at the higher temperature. The first is marked estimated. Both are reproduced as supplied and neither is corrected. Relative density and refractive index measured at goods-in would settle it and would also serve as the identity check for this SKU.

9.2 Other information

Appearance and odour conformity are recorded per lot on the certificate of analysis.

SECTION 10 — STABILITY AND REACTIVITY	
10.1 Reactivity	Stable and non-reactive under normal conditions of use, storage and transport.
10.2 Chemical stability	Stable under normal conditions. The oil is light-sensitive and should be kept in closed containers away from light.
10.3 Possibility of hazardous reactions	No dangerous reaction is known under normal conditions of use.
10.4 Conditions to avoid	Temperatures exceeding the flash point; contact with incompatible materials.
10.5 Incompatible materials	Strong oxidising agents.
10.6 Hazardous decomposition products	None if stored and handled as indicated. See Section 5 for combustion.

SECTION 11 — TOXICOLOGICAL INFORMATION	
11.1 Information on toxicological effects	
Likely routes of exposure are skin and eye contact and accidental ingestion. The manufacturer describes knowledge of the inhalation and eye endpoints as incomplete.	

Endpoint	Result
Acute toxicity — oral	LD50 rat ≥ 5,000 mg/kg — presumed non-toxic; not classified
Acute toxicity — dermal	LD50 rabbit ≥ 5,000 mg/kg — presumed non-toxic; not classified
Acute toxicity — inhalation	No data. The manufacturer records the whole substance as of unknown acute inhalation toxicity
Skin corrosion / irritation	Reported to cause mild skin irritation. Classification not possible on the data available;
Serious eye damage / irritation	Reported to cause mild eye irritation. Classification not possible on the data available
Respiratory or skin sensitisation	Classification not possible on the data available;
Germ cell mutagenicity	Classification not possible on the data available
Carcinogenicity	Classification not possible on the data available. Not listed by IARC, NTP or OSHA
Reproductive toxicity	Classification not possible on the data available
STOT — single and repeated exposure	Classification not possible on the data available
Aspiration hazard	Classified — Asp. Tox. 1 (H304). May be fatal if swallowed and enters airways

“Classification not possible” records an absence of data, not a finding of safety. Handle in line with Sections 7 and 8.

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SECTION 12 — ECOLOGICAL INFORMATION

12.1 Toxicity	Classified Aquatic Acute 1 (H400) and Aquatic Chronic 1 (H410) — very toxic to aquatic life with long lasting effects. No measured L(E)C50 or NOEC values are provided. See Section 16, correction 2, on the conflicting statement in the source sheet.
12.2 Persistence and degradability	No data available on the degradability of this substance.
12.3 Bioaccumulative potential	No data available.
12.4 Mobility in soil	No data available. The material is insoluble in water and will spread on a water surface.
12.5 Results of PBT and vPvB assessment	No assessment has been performed.
12.6 Other adverse effects	Classified as a marine pollutant for transport; see Section 14. No ozone depletion, photochemical ozone creation, endocrine disruption or global warming effects are expected.

SECTION 13 — DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	Do not discharge into drains, watercourses or onto the ground, and do not contaminate ponds, waterways or ditches with the product or used containers. Dispose of contents and container in accordance with local, regional, national and international regulations, normally through a licensed waste contractor.
Container disposal	Empty containers and liners retain product residue. Follow label warnings even after the container is emptied, and take containers to an approved waste handling site for recycling or disposal.
Waste classification	No hazardous waste code is established for this material. It is not a listed hazardous waste under 40 CFR 261 subpart D and does not meet the RCRA characteristic of ignitability, its flash point being above 60 °C. The waste generator remains responsible for characterising the waste as generated; note that the manufacturer directs that spilled material and its container be handled as hazardous waste on account of the aquatic hazard.

SECTION 14 — TRANSPORT INFORMATION

Regulation	14.1 UN number	14.2 UN proper shipping name	14.3 Class	14.4 PG
DOT (49 CFR), non-bulk	Not regulated	Not a dangerous good	—	—
DOT (49 CFR), bulk	UN 3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (cedarwood oil). Marine pollutant: yes	9	III
IATA / ICAO TI (air)	Not regulated	Not a dangerous good	—	—
IMDG (sea)	UN 3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (cedarwood oil). Marine pollutant: yes	9	III
ADR / RID / ADN	UN 3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (cedarwood oil)	9	III
14.5 Environmental hazards	Marine pollutant: yes. Class 9 label required for the regulated modes above.			
14.6 Special precautions for user	Read the safety instructions, this safety data sheet and the emergency procedures before handling. The DOT non-bulk position matches 49 CFR 171.4, under which a marine pollutant in a non-bulk packaging is outside the Hazardous Materials Regulations when it is not carried by vessel; domestic ground shipments of catalogue pack sizes therefore move as non-regulated freight. Ocean shipments, bulk domestic shipments and European road and rail movements require the UN 3082 entry, marine pollutant marking and a dangerous goods declaration.			
14.7 Transport in bulk under MARPOL Annex II and the IBC Code	Not applicable. Veriscents does not ship this material in bulk.			

SECTION 15 — REGULATORY INFORMATION

United States

OSHA	This product is a hazardous chemical as defined by the Hazard Communication Standard, 29 CFR 1910.1200.
TSCA	Not regulated under TSCA section 12(b) export notification. The manufacturer states no inventory position.
SARA 302 / 304	Not listed as an extremely hazardous substance; not regulated for emergency release notification.
SARA 311 / 312	Hazardous chemical: yes. Classified hazard category: aspiration hazard.
SARA 313	Not regulated for toxics release inventory reporting.
CERCLA	Not listed on the hazardous substance list at 40 CFR 302.4.
Clean Air Act	Not listed as a hazardous air pollutant under section 112 and not regulated under section 112(r).
Safe Drinking Water Act	Not regulated.
California Proposition 65	No component appears on the Proposition 65 list published by OEHA, checked at the issue date of this sheet. No Proposition 65 warning is required on the basis of this product.

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Fragrance-sector and international	
IFRA	No certificate of conformity has been supplied for this SKU. The manufacturer's recommended use refers to IFRA guidelines but no certificate accompanies the material, and Veriscents has not confirmed whether the restriction position rests on a Standard applying to the oil itself or only to constituents naturally present in it. A certificate has been requested; until it arrives, customers should not rely on this SKU in IFRA calculations.
EU Regulation 1223/2009	Steam-distilled wood oils of this type can carry declarable fragrance allergens at trace levels. Their concentrations in this material have not been supplied, so no allergen statement can be issued for this SKU yet, and a customer formulating for the EU market should obtain one before finalising an ingredient list.
Canada	This sheet is prepared to the United States Hazard Communication Standard. Classification under the Canadian Hazardous Products Regulations has not been assessed.

SECTION 16 — OTHER INFORMATION

Document number	VS-CEDARWOOD-OIL-VIRGINIA-R10
Version	1.0
Issue date	29 August 2026
Supersedes	None. This is the first issue under the Veriscents name.
Prepared by	Regulatory Officer, Veriscents
Next review	On receipt of a certificate of conformity, a revised manufacturer sheet, change of supplier, change of Veriscents contact details, goods-in measurement of the physical constants, or a regulatory change affecting classification.

Provenance

Prepared from the manufacturer's safety data sheet 500489 Cedarwood Oil Virginia, Vigon International, Inc., version 03, revised 1 July 2021. Classification, numerical data and hazard and precautionary statement text are reproduced exactly; prose is rewritten. The restored environmental hazard statement, the completed precautionary set, Proposition 65, RCRA framing and the IFRA and EU positions are supplied by Veriscents. ISO 4724 is cited in Section 9 as the specification for this oil. The source sheet is five years old and its own revision note says it underwent significant changes and should be reviewed in its entirety; request a current version at the next purchase.

Corrections and departures from the source document

#	Item	Treatment
1	The label elements list H304 alone, although Section 2 classifies the material Aquatic Acute 1 and Aquatic Chronic 1 and the GHS09 environment pictogram is printed. P273 and P391 are also absent.	H410 restored to the hazard statements, with P273 and P391 added to the precautionary set. The environment pictogram now has a statement to go with it.
2	Section 12 states that the product is not classified as environmentally hazardous, contradicting Section 2 and the UN 3082 marine pollutant entry in Section 14.	Not reproduced. Section 12 restates the Aquatic Acute 1 and Chronic 1 classification the rest of the document supports.
3	The label prevention entry reads "observe good industrial hygiene practices", which is guidance text rather than a coded precautionary statement, and no P280 appears although Section 8 requires gloves.	Replaced with the coded statements the classification calls for, with P280 added and marked as good practice rather than a classification requirement.
4	Section 8 specifies explosion-proof ventilation equipment "to stay below exposure limits", for a Class IIIB combustible liquid with a 100 °C flash point and no established exposure limit.	Restated as adequate general and local exhaust ventilation, with the absence of an exposure limit stated plainly. The static and grounding advice in Section 7 is retained, since it addresses flammable vapour that may be present in the surrounding area rather than a property of this material.
5	The supplemental information in Section 2 carries incomplete sentences with the percentage values missing.	Not reproduced as printed. The substantive point — that acute inhalation toxicity is unknown for the whole substance and the aquatic data is incomplete — is stated in Section 2.3.
6	Appearance and colour in Section 9 read "refer to spec sheet".	Noted as not stated, with the ISO 4724 descriptors given in the Section 9 note for orientation. A safety data sheet should be usable without a second document in hand.
7	HMIS ratings are given, with a health rating of 1 against a Category 1 aspiration hazard carrying the signal word Danger.	Not reproduced. HMIS is not required by 29 CFR 1910.1200 and this rating sits awkwardly beside the GHS classification on the same sheet.
8	The manufacturer's emergency number is their own third-party emergency response account.	Replaced with the Poison Help line, which is available to Veriscents customers, with its scope stated in Section 1. The transport emergency gap is recorded in Section 14.

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Key to abbreviations and full text of statements

Abbreviation	Meaning	Abbreviation	Meaning
Aquatic Acute 1	Hazardous to the aquatic environment, acute — Category 1	STOT	Specific target organ toxicity
Aquatic Chronic 1	Hazardous to the aquatic environment, long-term — Category 1	TSCA	Toxic Substances Control Act
Asp. Tox. 1	Aspiration hazard — Category 1	H304	May be fatal if swallowed and enters airways.
ISO 4724	International standard for oil of cedarwood, Virginia	H400	Very toxic to aquatic life.
LD50	Dose lethal to 50 % of a test population	H410	Very toxic to aquatic life with long lasting effects.
NFPA	National Fire Protection Association		

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Disclaimer

Veriscents is the issuing party for this safety data sheet and is the responsible party for its accuracy. The information given is based on the source named above and on the state of our knowledge at the issue date. It describes the product in respect of safety requirements only and is not a specification, a guarantee of properties, or an authorisation to use the product in any particular application. The purchaser is responsible for determining suitability for their own process, for compliance with the regulations applying to their finished product, and for the safety of their own personnel.