

SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

Product: Cedarwood Oil, Blood Red, Virginia, USA

Version: 1

1. IDENTIFICATION

Product Identifier

Product identifier: Cedarwood Oil, Blood Red, Virginia, USA; CAS: 85085-41-2

Other identifiers: Cedarwood Oil, Blood Red, Virginia, USA JunVir30 Juniperus virginiana

Recommended use of the chemical and restrictions on use

Product uses:

Supplier Details

Company name: Artisan Aromatics
Company address: 1708 Lena Street, #103
Santa Fe, NM 87505
Contact: Stephanie Ariel
hello@artisanaromatics.com

E-Mail address:

Company phone: 502-498-8804

Emergency telephone number

Emergency phone: ChemTel: 1-800-255-3924 (Domestic)

2. HAZARD IDENTIFICATION

Classification

This product is classified under 29CFR 1910.1200(d) as follows:

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Class and category of danger: Flammable Liquid, Hazard Category 4
Sensitization - Skin Category 1
Aspiration Hazard Category 1

Signal word: Danger

Hazard statements: Combustible liquid.
May be fatal if swallowed and enters airways.
May cause an allergic skin reaction.

M factor: None

Pictograms:



Precautionary statements: Keep away from heat, sparks, open flames and hot surfaces. - No smoking.

SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

Product: Cedarwood Oil, Blood Red, Virginia, USA

Version: 1

Avoid breathing vapour or dust.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves/eye protection/face protection.
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
IF ON SKIN: Wash with plenty of soap and water.
Do not induce vomiting.
If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse.
In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
Store in a well-ventilated place. Keep cool.
Store locked up.
Dispose of contents/container to approved disposal site, in accordance with local regulations.

Hazards not otherwise classified (HNOC) None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Product identifier: Cedarwood Oil, Blood Red, Virginia, USA; CAS: 85085-41-2

Contains:

Name	CAS	%	GHS Classification
alpha-Cedrene	469-61-4	20-<50%	Asp. Tox 1;H304
beta-Caryophyllene	87-44-5	1-<5%	Skin Sens. 1B-Asp. Tox 1;H304-H317
alpha-Pinene	80-56-8	1-<5%	Flam. Liq. 3-Acute Tox. 4-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1;H226-H302-H304-H315-H317

The exact percentage concentrations of components are being withheld as a trade secret.

4. FIRST-AID MEASURES

Description of first aid measures

Inhalation: Remove from exposure site to fresh air, keep at rest, and obtain medical attention.
Eye exposure: Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.
Skin exposure: IF ON SKIN: Wash with plenty of soap and water.
Ingestion: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways.
May cause an allergic skin reaction.

SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

Product: Cedarwood Oil, Blood Red, Virginia, USA

Version: 1

Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

Specific hazards arising from the chemical

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

Protective Equipment and Precautions for Firefighters

In case of insufficient ventilation, wear suitable respiratory equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

7. HANDLING AND STORAGE

Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities:

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure guidelines

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Other exposure guidelines

SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

Product: Cedarwood Oil, Blood Red, Virginia, USA

Version: 1

No information available

Exposure controls

Engineering measures

Showers, eyewash stations, ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face and Skin Protection

Wear protective gloves/eye protection/face protection, and suitable protective clothing

Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. A NIOSH-approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air-purifying respirators is limited. Use a positive pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where air-purifying respirators may not provide adequate protection.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and chemical properties

Appearance:	Not determined
Odor:	Not determined
Odor threshold:	Not determined
pH:	Not determined
Melting point / freezing point:	Not determined
Initial boiling point / range:	Not determined
Flash point:	199 °F / 93 °C
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Upper/lower flammability or explosive limits:	Product does not present an explosion hazard
Vapor pressure:	Not determined
Vapor density:	Not determined
Relative density:	Not determined
Solubility(ies):	Not determined
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined

SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

Product: Cedarwood Oil, Blood Red, Virginia, USA

Version: 1

Viscosity: Not determined

Other information: None available

10. STABILITY AND REACTIVITY

Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

Chemical stability:

Good stability under normal storage conditions.

Possibility of hazardous reactions:

Not expected under normal conditions of use.

Conditions to avoid:

Avoid extreme heat.

Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

Hazardous decomposition products:

Not expected.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute Toxicity:	Based on available data the classification criteria are not met.
Acute Toxicity Oral	>5000
Acute Toxicity Dermal	Not Applicable
Acute Toxicity Inhalation	Not Available
Skin corrosion/irritation:	Based on available data the classification criteria are not met.
Serious eye damage/irritation:	Based on available data the classification criteria are not met.
Respiratory or skin sensitisation:	Sensitization - Skin Category 1
Germ cell mutagenicity:	Based on available data the classification criteria are not met.
Carcinogenicity:	Based on available data the classification criteria are not met.
Reproductive toxicity:	Based on available data the classification criteria are not met.
STOT-single exposure:	Based on available data the classification criteria are not met.
STOT-repeated exposure:	Based on available data the classification criteria are not met.
Aspiration hazard:	

Additional Information None available

SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

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12. ECOLOGICAL INFORMATION

Ecotoxicity:

Very toxic to aquatic life with long lasting effects.

Persistence and degradability: Not available

Bioaccumulative potential: Not available

Mobility in soil: Not available

Other adverse effects: Not available

13. DISPOSAL CONSIDERATIONS

Waste treatment

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

	14.1 UN number:	14.2 UN Proper Shipping Name:	14.3 Transport hazard class(es):	Sub Risk:	14.4. Packing Group:
UN Model Regulations	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alpha-Cedrene, beta-Cedrene)	9	-	III
US DOT	None	-			-
US DOT (Bulk)	None	-			-
IMDG	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alpha-Cedrene, beta-Cedrene) MARINE POLLUTANT	9	-	III
ADR,RID,ADN	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alpha-Cedrene, beta-Cedrene)	9	-	III
ICAO TI	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alpha-Cedrene, beta-Cedrene)	9	-	III

US DOT refers to domestic transport by road/rail within the 48 ground states

US DOT (Bulk) refers to domestic bulk transport by road/rail within the 48 ground states.

Environmental hazards: This is an environmentally hazardous substance.

Special precautions for user: None additional

SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

Product: Cedarwood Oil, Blood Red, Virginia, USA

Version: 1

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not applicable

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

None additional

Additional information

None additional

16. OTHER INFORMATION

Key to revisions:

Not applicable

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.

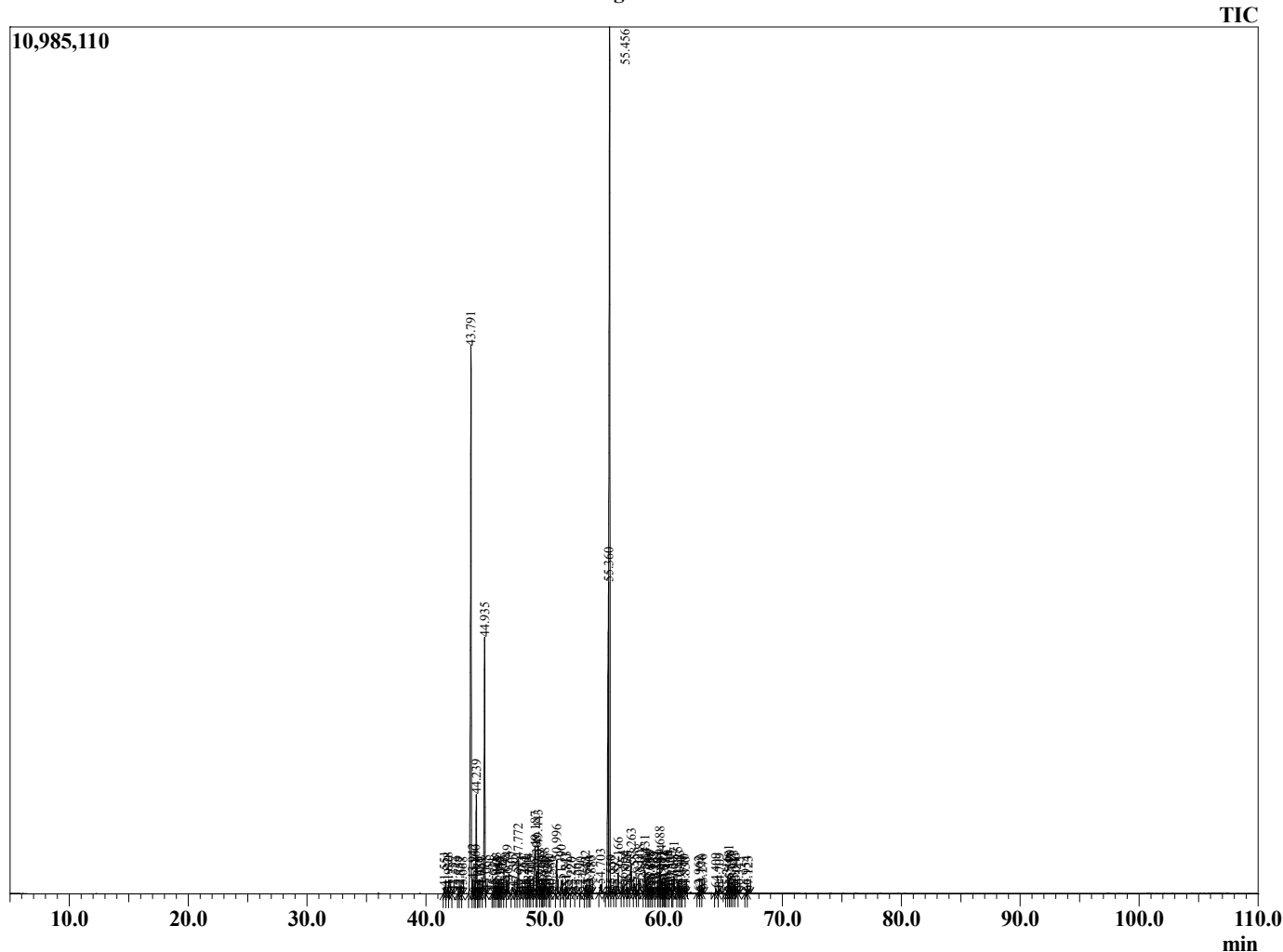
Sample Information

Analyzed by : T. Wortham
 Analyzed : 6/23/2022 5:36:16 PM
 Sample Type : Essential Oil
 Sample Name : JunVir3
 Injection Volume : 0.10
 Lot Number : L0F0609L PWOrerun
 Instrument ID : GC-4

Peak Report TIC

R.Time	Name	Area%
41.551	2-epi-alpha-Funebrene	0.19
41.828	alpha-Duprezianene	0.22
41.930	Unidentified	0.06
42.257	Isolongifolene	0.05
42.739	beta-Longipinene	0.05
42.857	alpha-Funebrene	0.05
43.068	di-epi-alpha-Cedrene	0.03
43.791	alpha-Cedrene	18.77
43.942	beta-Caryophyllene	0.49
44.160	beta-Duprezianene	0.24
44.239	beta-Cedrene	3.14
44.375	Unidentified	0.03
44.480	Unidentified	0.02
44.661	beta-Copaene	0.03
44.935	cis-Thujopsene	8.35
45.068	Isobazzanene	0.08
45.621	Unidentified	0.03
45.778	beta-Barbatene	0.08
45.933	Prezizaene	0.23
46.045	trans-beta-Farnesene	0.06
46.185	alpha-Humulene	0.03
46.249	Unidentified	0.03
46.425	Alloaromadendrene	0.10
46.698	alpha-Acoradiene	0.15
46.849	beta-Acoradiene	0.43
47.307	10-epi-beta-Acoradiene	0.30
47.582	Widdra-2,4(14)-diene	0.14
47.772	beta-Chamigrene	1.09
47.983	Unidentified	0.06
48.261	beta-Selinene	0.03
48.472	Valencene	0.03
48.614	beta-Alaskene	0.16
48.715	Unidentified	0.04
48.912	Unidentified	0.15
49.187	Pseudowiddrene	2.31
49.308	alpha-Chamigrene	0.67
49.443	Cuparene	1.60
49.609	alpha-Alaskene	0.30
49.760	Nootkatene	0.04
49.895	Unidentified	0.04
49.988	Unidentified	0.37
50.247	Unidentified	0.21
50.380	Unidentified	0.04
50.556	(E)-gamma-Bisabolene	0.07
50.996	gamma-Cuprenene	1.06
51.390	Unidentified	0.42
51.741	delta-Cuprenene	0.16
51.813	Unidentified	0.22
52.220	Unidentified	0.03
52.567	Unidentified	0.02
52.990	Unidentified	0.02
53.432	Unidentified	0.27
53.571	Unidentified	0.11
53.790	Caryophyllene oxide	0.04
53.885	Unidentified	0.11
54.703	Funebrol	0.36
55.360	Widdrol	10.05
55.456	Cedrol	33.56
55.550	Unidentified	0.12
55.892	Unidentified	0.06
56.166	Epicedrol	0.73
56.554	2-epi-alpha-Cedren-3-one	0.26

Chromatogram JunVir3



R.Time	Name	Area%
56.818	Unidentified	0.23
56.976	alpha-Acorenol	0.23
57.263	Unidentified	1.16
57.558	Unidentified	0.40
57.832	Unidentified	0.12
58.008	Unidentified	0.80
58.431	Cedr-8-en-15-ol	0.78
58.544	Unidentified	0.45
58.700	1,7-di-epi-alpha-Cedrenal	0.09
58.856	Unidentified	0.27
58.898	beta-Bisabolol	0.20
59.133	Junicedranone	0.21
59.404	Unidentified	0.27
59.581	Unidentified	0.25
59.688	epi-alpha-Bisabolol	1.00
59.814	Khusian-2-ol	0.43
59.971	Unidentified	0.22
60.077	Unidentified	0.20
60.184	8-Cedren-13-ol	0.24
60.340	Unidentified	0.24
60.524	Unidentified	0.32
60.730	Unidentified	0.03
60.871	Unidentified	0.64
61.215	Thujopsenal	0.41
61.343	Unidentified	0.26
61.470	Unidentified	0.03
61.710	Unidentified	0.13
61.830	Unidentified	0.02
62.962	beta-Acoradienol	0.05
63.128	Unidentified	0.10
63.270	Acoradienol isomer	0.10
64.409	Unidentified	0.16
64.709	Unidentified	0.21
65.316	Unidentified	0.04
65.481	Unidentified	0.40
65.590	Unidentified	0.24
65.737	Unidentified	0.21
65.913	Nootkatone	0.31
66.046	Unidentified	0.16
66.343	Unidentified	0.03
66.954	Unidentified	0.05
67.123	Unidentified	0.08
		100.00