

SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

Product: Cedarwood Oil, Atlas, Morocco

Version:

1. IDENTIFICATION

Product Identifier

Product identifier: Cedarwood Oil, Atlas, Morocco; CAS: 8023-85-6

Other identifiers: Cedarwood Oil, Atlas, Morocco Cedrus atlantica

Recommended use of the chemical and restrictions on use

Product uses: Essential Oil

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: 505-231-9439

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: Aspiration Hazard Category 1

Signal word: Danger

Hazard statements: May be fatal if swallowed and enters airways.

M factor: None

Pictograms:



Precautionary statements:

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

Do not induce vomiting.

Store locked up.

Dispose of contents/container to approved disposal site, in accordance with local regulations.

SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

Product: Cedarwood Oil, Atlas, Morocco

Version: 1

Hazards not otherwise classified (HNOC) None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Product identifier: Cedarwood Oil, Atlas, Morocco; CAS: 8023-85-6

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.

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.

SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

Product: Cedarwood Oil, Atlas, Morocco

Version: 1

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

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

SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

Product: Cedarwood Oil, Atlas, Morocco

Version: 1

Odor:	Not determined
Odor threshold:	Not determined
pH:	Not determined
Melting point / freezing point:	Not determined
Initial boiling point / range:	Not determined
Flash point:	234 °F / 112 °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
Viscosity:	Not determined
<u>Other information:</u>	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.

SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

Product: Cedarwood Oil, Atlas, Morocco
Version: 1

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute Toxicity:	Based on available data the classification criteria are not met.
Acute Toxicity Oral	Not Applicable
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:	Based on available data the classification criteria are not met.
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

12. ECOLOGICAL INFORMATION

Ecotoxicity:

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.	9	-	III

SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

Product: Cedarwood Oil, Atlas, Morocco

Version: 1

US DOT	None	-			-
US DOT (Bulk)	None	-			-
IMDG	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	9	-	III
ADR,RID,ADN	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Cedarwood Oil, Atlas, Morocco)	9	-	III
ICAO TI	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	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

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

RIFM ID Number: 579-D2.12

LM Unique Identifier: LM4117

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.

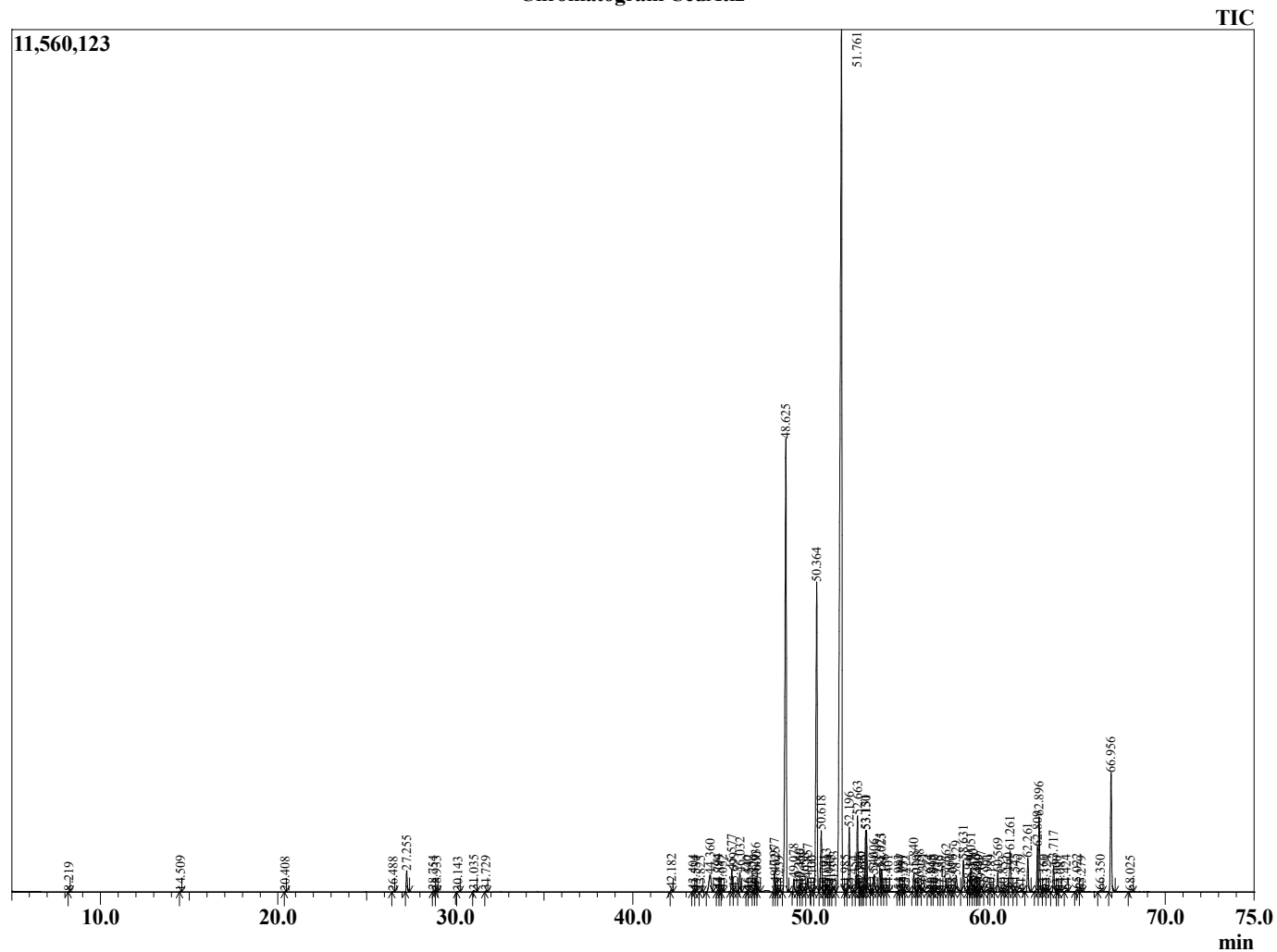
Sample Information

Analyzed by : A. Mattingly
 Analyzed : 9/30/2021 12:45:10 AM
 Sample Type : Essential Oil
 Sample Name : CedAtl2
 Injection Volume : 0.10 µL
 Lot Number : K0E0510C
 Instrument ID : GC-2

Peak Report TIC

R.Time	Name	Area%
8.219	Mesityl oxide	0.01
14.509	alpha-Pinene	0.02
20.408	Limonene	0.01
26.488	alpha-Fenchol	0.01
27.255	4-Acetyl-1-methylcyclohexene	0.52
28.754	alpha-4-Dimethyl-3-cyclohexene-1-methanol	0.03
28.933	alpha-4-Dimethyl-3-cyclohexene-1-methanol	0.02
30.143	Borneol	0.01
31.035	4'-Methyl Acetophenone	0.05
31.729	alpha-Terpineol	0.03
42.182	alpha-Longipinene	0.08
43.404	alpha-Ylangene	0.04
43.534	Unidentified	0.01
43.825	alpha-Copaene + Isoledene	0.04
44.360	4,5-Dehydroisolongifolen	0.92
44.794	Dehydroaromadendrene	0.07
44.889	Sativene	0.05
45.052	Unidentified	0.06
45.577	Sibirene	0.59
45.699	Unidentified	0.11
46.032	Junipene	0.54
46.440	alpha-Cedrene	0.02
46.547	beta-Ylangene	0.05
46.820	Unidentified	0.04
46.936	Himachala-2,4-diene	0.41
47.000	Unidentified	0.12
47.977	(E)-Vestitenone	0.48
48.025	Himachala-2,4-diene analog	0.20
48.239	Unidentified	0.04
48.625	alpha-Himachalene	15.28
49.078	Unidentified	0.36
49.360	Unidentified	0.21
49.456	Unidentified	0.20
49.658	Unidentified	0.13
49.857	alpha-Neocallitropsene	0.49
50.100	Unidentified	0.05
50.364	gamma-Himachalene	9.80
50.618	11-alpha-H-Himachala-1,4-diene	1.77
50.791	10s,11s-Himachala-3(12),4-diene	0.04
50.913	(Z)-4,10-Epoxy amorphane	0.24
51.049	Unidentified	0.04
51.163	Unidentified	0.08
51.333	Unidentified	0.21
51.761	beta-Himachalene	40.30
51.985	Unidentified	0.07
52.196	alpha-dehydro-ar-Himachalene	1.93
52.454	Unidentified	0.03
52.663	delta-Cadinene	2.20
52.796	trans-Calamenene	0.14
52.860	cis-Calamenene	0.10
52.955	Zonarene	0.03
53.131	gamma-dehydro-ar-Himachalene	1.57
53.150	Unidentified	1.51
53.540	trans-Cadina-1,4-diene	0.07
53.606	9,10-Cycloisolongifolene	0.55
53.921	(E)-alpha-Bisabolene	0.70
54.025	alpha-Calacorene	0.63
54.186	Unidentified	0.05
54.401	Germacrene B	0.03
54.983	Unidentified	0.05
55.097	(E)-Nerolidol	0.08
55.251	beta-Calacorene	0.06

Chromatogram CedAtl2



R.Time	Name	Area%
55.372	Unidentified	0.03
55.840	Himachalene epoxide	0.54
56.010	Unidentified	0.02
56.158	Unidentified	0.23
56.331	Unidentified	0.11
56.674	Unidentified	0.05
56.845	Unidentified	0.02
56.990	Unidentified	0.05
57.235	Unidentified	0.01
57.389	Unidentified	0.02
57.662	Longiborneol	0.40
57.861	Eudesmol analog	0.04
58.010	Unidentified	0.04
58.229	beta-Himachalene oxide	0.57
58.631	Unidentified	1.02
58.940	Muurola-4,10(14)-dien-1-beta-ol	0.17
59.051	Epicubenol	0.68
59.170	Himachalol analog	0.21
59.313	Himachalol analog	0.09
59.420	Unidentified	0.05
59.499	Unidentified	0.06
59.647	Unidentified	0.18
59.991	Unidentified + Himachalol analog	0.11
60.189	Unidentified	0.04
60.569	Himachalol	0.57
60.853	Unidentified	0.04
61.160	Unidentified	0.11
61.261	Allohimachalol	1.37
61.545	Unidentified	0.12
61.879	Unidentified	0.05
62.261	(Z)-gamma-Atlantone	0.97
62.809	Deodarone isomer	1.44
62.896	Deodarone isomer + (E)-gamma-Atlantone	2.29
63.160	10-nor-Calamenen-10-one	0.06
63.324	Unidentified	0.03
63.717	(Z)-alpha-Atlantone	0.75
63.900	Unidentified	0.02
64.087	Unidentified	0.03
64.424	Unidentified	0.05
65.022	Unidentified	0.08
65.279	Unidentified	0.04
66.350	Unidentified	0.06
66.956	Unidentified	3.53
68.025	Unidentified	0.03
		100.00