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Material Safety Data Sheet Cedarwood Atlas Oil

Section 1: Product and Company Identification

Product Name: Cedarwood Atlas Oil

Botanical Name: *Cedrus atlantica bark oil*

INCI Name: Juniperus virginiana (cedarwood) oil

CAS No.: 8023-85-6

Contact information:

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Section 2: Composition and Information on Ingredients

Chemical Characterization: Mixtures

Dangerous Components		
CAS No. 92201-55-3/8000-27-9	Cedrus atlantica bark oil Xn R65 N R50/53	60-100%
EC No.: 295-985-9	Asp. Tox. 1, H304 Aquatic Acute 1, H400;	

	Aquatic Chronic 1, H410	
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Section 3: Hazards Identification

Classification according to Regulation (EC) No. 1272/2008



GHS08 health hazard

Asp. Tox. 1 H304 – May be fatal if swallowed and enters airway.



GHS09 environment

Aquatic Acute 1 H400 – Very toxic to aquatic life.

Aquatic Chronic 1 H410 – Very toxic to aquatic life with long lasting effects.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

Xn; Harmful

R65: Harmful: may cause lung damage if swallowed

N; Dangerous for the environment

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms



Signal Word: Danger

Hazard-determining components of labelling:

CEDRUS ATLANTICA BARK OIL

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 CENTER or doctor/physician.
P331 Do NOT induce vomiting.
P391 Collect spillage.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.
vPvB: Not applicable.

Section 4: First Aid Measures

General information:	Seek medical treatment in case of complaints.
After inhalation:	Remove victim immediately from source of exposure. Supply fresh air. Keep at rest. Seek medical treatment.
After skin contact:	Remove contaminated clothing. Flush with plenty of water.
After eye contact:	Remove contact lenses. Promptly wash eyes with plenty of water while lifting the eye lids at least 15 minutes
After swallowing:	Immediately rinse out the mouth with water. General first aid, rest, warmth and fresh air.
Information for doctor:	Most important symptoms and effects, both acute and delayed. Inhalation: Vapours may cause headache, fatigue, dizziness and nausea. Ingestion: May cause discomfort if swallowed. Eye Contact: Irritation and may cause redness and pain.

Indication of any immediate medical attention and special treatment needed: No further relevant information available

Section 5: Fire and Explosion Data

Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions

Foam
Carbon dioxide
Dry Chemical Powder
Water fog

For safety reasons unsuitable
extinguishing agents:

Water.

Special hazards arising from
the substance or mixture:

Formation of toxic gases is possible during heating or in
case of fire.

Carbon monoxide (CO)

Carbon dioxide (CO₂)

Nitrogen oxides (NO_x)

Advice for firefighters

Protective equipment:

In the event of fire and/or explosion do not breathe fumes.

Wear self-contained respiratory protective device.

Wear fully protective suit.

Additional information:

Cool endangered receptacles with water spray.

Do not put water on leaked material.

Section 6: Accidental Release Measures

Personal precautions, protective equipment

and emergency procedures: Wear necessary protective equipment.

Ensure adequate ventilation.

Avoid contact with eyes and skin

Environmental precautions: Do not allow to enter sewers/ surface or ground water.

Methods and material for

containment and cleaning up: Collect with absorbent, non-combustible material into suitable
containers.

Send for recovery or disposal in suitable receptacles.

Clean the area with water.

Dispose of the material collected according to regulations.

Section 7: Handling and Storage

Handling:

Precautions for safe handling

The usual precautionary measures are to be adhered to when handling chemicals.

Ensure good ventilation/exhaustion at the workplace.

Avoid contact with eyes and skin.

Information about fire and explosion protection: Normal measures for preventive fire protection.

Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Store only in the original receptacle.

Store in cool, dry conditions in well sealed receptacles.

Information about storage in one common storage facility:

Store separated from: Strong oxidizing agents.

Further information about storage conditions: Keep container tightly sealed.

Storage class: Chemical Storage

Specific end use(s): No further relevant information available.

Section 8: Exposure Controls/Personal Protection

Additional information about design of technical facilities: No further data

Control parameters

Ingredients with limit values

that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: This is based on data that was valid at the time of writing.

Use engineering controls to reduce air contamination.

Exposure controls

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Ensure adequate ventilation.

Wash hands before breaks and at the end of work.

Remove and wash contaminated clothing before re-use.

Avoid contact with the eyes and skin.

Eyewash and safety shower facilities should be available when handling this product.

Respiratory protection:

Suitable respiratory protective device recommended.

NIOSH or European Standard EN 149 approved respirator.

Protection of hands:

Protective gloves.

DIN/EN 374

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Penetration time of glove material: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:

Safety glasses (EN 166)

Body protection:

Protective work clothing.

Section 9: Physical and Chemical Properties

Appearance:	Form – Mobile Liquid Colour – Light (or pale) Orange Yellow to Amber
Odour:	Characteristic
Odour Threshold:	Not determined
pH-value:	Not determined
Change in Condition:	Melting Point – Undetermined Boiling Point – Undetermined
Flash Point:	>100°C (Closed Cup)
Ignition Temperature:	Decomposition temperature – Undetermined
Self-igniting:	Product is not self-igniting
Danger of Explosion:	Not determined
Explosion Limits:	Lower – Not determined Upper – Not determined
Vapour Pressure:	Not determined
Specific Gravity:	Not determined

Section 10: Stability and Reactivity Data

Stability:	Stable under normal conditions.
Hazard Polymerization:	Will not occur.
Conditions to avoid:	Avoid heat, flame and other sources of ignition.
Incompatible materials:	Strong oxidizing agents

Fire or high temperatures create: Toxic gases/vapours
 Carbon monoxide
 Carbon dioxide
 Nitrogen oxides (Nox)

Section 11: Toxicological Information

Acute Toxicity:

LD/LC50 Values Relevant for Classification		
Dermal	LD50	>5000 mg/kg [rat] >5000 mg/kg [rabbit]

Primary irritant effect:

on the skin: No specific health warnings noted.
 on the eye: No specific health warnings noted.
 Ingestion: May be fatal if swallowed and enters airways.
 inhalation: No specific health warnings noted.

Section 12: Ecological Information

Toxicity

Aquatic toxicity: No further relevant information available.

Persistence and degradability: No further relevant information available.

Behaviour in environmental systems:

Bioaccumulative potential: No further relevant information available.

Mobility in soil: Product is insoluble in water.

Additional ecological information:

General notes: Very toxic to aquatic life with long lasting effects.
 Avoid transfer into the environment.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects: No further relevant information available.

Section 13: Disposal Considerations

Waste treatment methods

Recommendation: Dispose of in accordance with Local Authority requirements.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

Section 14: Transport Information

UN-Number	
ADR, IMDG, IATA	UN3082
UN proper shipping name	
ADR	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CEDRUS ATLANTICA BARK OIL)
IMDG	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CEDRUS ATLANTICA BARK OIL, CEDRUS ATLANTICA BARK OIL), MARINE POLLUTANT.
IATA	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CEDRUS ATLANTICA BARK OIL)
Transport hazard class(es)	ADR, IMDG, IATA
Class	9 Miscellaneous dangerous substances and articles.
Label	9
Packing group	
ADR, IMDG, IATA	III

Environmental hazards:

Product contains environmentally hazardous substances:	CEDRUS ATLANTICA BARK OIL
Marine pollutant:	Yes
	Symbol (fish and tree)
Special marking (ADR):	Symbol (fish and tree)
Special marking (IATA):	Symbol (fish and tree)
Special precautions for user:	Warning: Miscellaneous dangerous substances and articles.
Danger code (Kemler):	90
EMS Number:	F-A,S-F
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:	Not applicable.
Transport/Additional information:	ADR
Limited quantities (LQ)	5L
Transport category	3
Tunnel restriction code	E
UN "Model Regulation":	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CEDRUS ATLANTICA BARK OIL), 9, III

Section 15: Other Regulatory Information

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

National regulations: Information about limitation of use:

Employment restrictions concerning juveniles must be observed.

Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

Section 16: Other Information

Relevant phrases

H304 May be fatal if swallowed and enters airways.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65 Harmful: may cause lung damage if swallowed

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the

International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Disclaimer:

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