

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	Cedarwood (Chinese) Essential Oil
Product code	EO-CEDAR
Botanical name	Thuja orientalis
CAS #	85085-29-6
Product use	Domestic and Industrial
Supplier	WFMed
Address	8245 Backlick Rd Unit D, Lorton VA 22079 USA
Telephone number	888-WFMED-97 (888-936-3397)
Emergency phone number	888-WFMED-97 (888-936-3397)

2. HAZARD(S) IDENTIFICATION

GHS Hazard Classification

Aspiration hazard - Category 1
Skin corrosion/irritation - Category 3
Serious eye damage/eye irritation - Category 2A
Serious eye damage/eye irritation - Category 2B
Specific target organ toxicity, single exposure; Respiratory tract irritation - Category 3
Hazardous to the aquatic environment, acute hazard - Category 1
Hazardous to the aquatic environment, long-term hazard - Category 1

GHS Label Elements

Pictogram
Signal Word



Warning

Hazard Statements

H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H320	Causes eye irritation.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long-lasting effects

Precautionary Statements - Prevention

P261	Avoid breathing dust/fumes/gas/mist/vapours/spray.
P264	Wash skin thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

P301+P310
P304+P340

IF SWALLOWED: Immediately call a POISON CENTER/doctor.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. Call a POISON CENTER/ doctor/if you feel unwell. Do NOT induce vomiting.
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists get medical advice/attention.

P312
P331
P332+P313
P337+P313

Precautionary Statements - Storage

P403 + P233 + P235

Store in a well-ventilated place. Keep container tightly closed. Keep cool.

P405

Store locked up.

Precautionary Statements - Disposal

P501

Dispose of contents/ container to an approved waste disposal plant.

Hazards Not Otherwise Classified (HNOC)

No data available

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Product Name</u>	<u>CAS NO</u>	<u>Concentration</u>
Cupressus Funebriis Wood Oil	85085-29-6	100%

4. FIRST-AID MEASURES

Description of first aid measures

Eye Contact

Contact with eyes can produce burning sensation. Irrigate with water immediately, continue flushing eyes with water for 15 minutes. Seek medical attention if irritation persists.

Skin Contact

Skin contact can produce irritation, or itching of the skin. Remove contaminated clothing Wash with soap and plenty of water. Seek medical attention if irritation persists.

Inhalation

Remove to fresh air. Give oxygen if breathing is labored and seek medical advice. Avoid casual breathing. Signs of overexposure are dizziness and nausea.

Ingestion

Seek medical attention or contact local poison control center.

Most important symptoms and effects, both acute and delayed

No additional information available.

Indication of any immediate medical attention and special treatment needed

No additional information available. Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Extinguishing media

CO₂, foam and dry chemicals. DO NOT use direct water jet on burning material.

Specific hazards arising from the chemical

Carbon oxides.

Special protective equipment and precautions for firefighters

Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving essential oils or chemicals.

Further information

No data available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Equip clean crew with proper protection. Respiratory protection equipment may be necessary.

Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Methods and materials for containment and cleaning up

Methods for containment

Contain and collect spillage with Non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations.

Methods for cleaning up

Contain and collect with inert absorbent material and place in suitable container for disposal. Comply with all federal, state, and local regulation. Wipe small spills with cloth. Clean with hot water and detergent.

7. HANDLING AND STORAGE

Precautions for safe handling

No direct lighting. No smoking. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

Conditions for safe storage, including any incompatibilities

Storage conditions

Provide suitable air extraction ventilation in the work areas. Vapors may form explosive mixtures with air. Keep material away from sources of ignition (e.g. hot surfaces, sparks, flame and static discharges). Store in cool, dry place in tightly sealed containers, protected from heat and light. Keep in glass, suitable plastic, aluminum or lacquer-lined containers.

Incompatible materials

None known based on information supplied.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control parameters

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Use mechanical exhaust or laboratory fume hood to avoid exposure.

Exposure controls

Engineering controls

Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye/Face protection: The use of safety glasses is recommended. If a material is to be handled in a manner where splashing may occur, the use of splash goggles or face shield is recommended. An eyewash fountain and / or safety shower should be available in the work area.

Skin/Body protection: Chemical resistant gloves/clothing are recommended.

Respiratory protection: In well-ventilated areas, respiratory protection is not normally required. In confined, poorly ventilated areas the use of "NIOSH" approved respiratory protection normally required (use only if trained in proper use and with acceptable oxygen level).

General hygiene considerations

Acceptable industrial hygiene practices should be maintained.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Colorless liquid.
Odor	Characteristic
Refractive Index	1.503 – 1.508
Specific Gravity(d20/20):	0.966
Specific Gravity(d25/25):	0.941
Flash point	66°C (150.8°F)
Solubility	Soluble in alcohol and oils. Insoluble in water.
Contents	Thujopsene,β-cedrene, α-cedrene, cedrol

10 . STABILITY AND REACTIVITY

Reactivity

This material presents no significant reactivity hazard

Chemical stability

Stable under recommended storage conditions.

Possible hazardous reactions

No data available.

Conditions to avoid

Avoid sparks, flame and other heat sources.

Incompatible materials

Strong oxidizing agents, Strong reducing agents

Hazardous decomposition

When heated to decomposition produces acrid fumes and carbon monoxide smoke.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects**Acute toxicity**

LD50 Oral - Rat - 5,000 mg/kg

LD50 Dermal -Rabbit-5000mg/kg

Skin corrosion/irritation

Adverse skin effects should be prevented by normal care and personal hygiene.

Serious eye damage/eye irritation

Possible irritation should be prevented by wearing safety glasses.

Respiratory or skin sensitisation

Inhalation of high concentrations of vapor may result in irritation of eyes, nose and throat, headache, nausea, and dizziness.

Germ cell mutagenicity

No data available.

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity

No data available.

Specific target organ toxicity - single exposure

No data available.

Specific target organ toxicity - repeated exposure

No data available.

Aspiration hazard

No data available.

Additional information

No data available

12. ECOLOGICAL INFORMATION

Ecotoxicity

Avoid any pollution of ground, surface or underground water.

Persistence and degradability

No data available.

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

Other adverse effects

No data available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Product

Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

Contaminated packaging

Do not reuse container.

14. TRANSPORT INFORMATION

US DOT (Land)

UN/ID #	3082
Proper Shipping Name	Environmentally hazardous substance, liquid, n.o.s. (Cedrene)
Hazard Class	9
Packing Group	III
Poison Inhalation Hazard	No

IMDG/IMO (Sea)

UN/ID #	180005700
Proper Shipping Name	Environmentally hazardous substance, liquid, n.o.s. (Cedrene)
Hazard Class	9
Packing Group	III
EMS-No	F-A, S-F
Poison Inhalation Hazard	No

15. REGULATORY INFORMATION

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazard Categories

Fire Hazard, Acute Health Hazard

California Proposition 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. OTHER INFORMATION

Creation date: 11/6/2015

Revision date: 12/11/2018

Disclaimer & Caution:

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