



Plant's Power Inc.
3-2700 St. Clair Ave West
Toronto, Ontario, M6N 1M2
Contact: 1-416-766-1254

Material Safety Data Sheet Cedarwood Virginian Oil

Section 1: Product and Company Identification

Product Name: Cedarwood Virginian Oil

Botanical Name: *Juniperus virginiana*

INCI Name: Juniperus virginiana (cedarwood) oil

CAS No.: 8000-27-9

EINECS No.: 285-370-3

Country of Origin: USA

Chemical Identification: Cedarwood Virginiana essential oil

Contact information:

Plant's Power Inc 3-2700 St.Clair Ave west Toronto, Ontario M6N 1M2 Contact: 1-416-766-1254 http://www.PlantPower.ca contactus@plantpower.ca	24 HOUR EMERGENCY TELEPHONE NUMBER: (647)-427-4480
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Section 2: Composition and Information on Ingredients

INCI Name: Juniperus virginiana oil

CAS No.: 8000-27-9

EINECS No.: 285-370-3

Main Constituents: Thujopsene, alpha-cedrene, cedrol

Hazardous components naturally present:

alpha-Cedrene N°CAS: 469-61-4 N°CE : 207-418-4 <= 35.0%

N, Xn R50/53-65 SGH08, SGH09 H304-400-410-316 SCI 3, AH
1, EH A1,C1 (M factor 10)

Cedrol N°CAS: 77-53-2 N°CE : 201-035-6 <= 25.0%
N R51/53 SGH 09 H316, H401, H411 SCI 3, EH A2, C2

Section 3: Hazards Identification

EC Dir.: Harmful and dangerous for the environment

Xn (Harmful), N (Dangerous for the environment), 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), S61 (Avoid release to the environment. Refer to special instructions/sds), S62 (If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.)

CLP/GHS: AH 1, EH A1,C1

SGH08, SGH09, 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), P273(Avoid release to the environment), P301/330/331(IF SWALLOWED: Rinse mouth. Do NOT induce vomiting), P315(Get immediate medical advice/attention), P101(If medical advice is needed, have product container or label at hand).



Signal Word: Danger

Section 4: First Aid Measures

After excessive inhalation: Move exposed person to fresh air. Keep the person warm and at rest. Call a doctor in case of persistence or worsening of adverse health effects. If unconscious, place the person in recovery position and call a physician immediately. Ensure good air circulation.

First aid after Skin contact: Remove contaminated clothing. Rinse affected area with plenty of water. Contact a physician if symptoms persist.

First aid after Eye contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 15 minutes. Get medical attention if irritation occurs.

First aid after Ingestion: Rinse mouth with water. Move exposed person to fresh air. Keep the person warm and at rest. Do not induce vomiting unless directed by medical personnel. If vomiting occurs, keep head down to prevent the passage of vomit into the lungs. Call a doctor in case of persistence or worsening of adverse health effects. If unconscious, place the person in recovery position and call a physician immediately. Ensure good air circulation.

Section 5: Fire and Explosion Data

Suitable extinguishing media: Foam, dry chemical powder, carbon dioxide, sand or earth
Unsuitable extinguishing: Direct water jet
Special protective equipment: Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.
Fire and explosion protection: Avoid open flames. Toxic vapours must be avoided during fire. Respiratory protection should be used during fire.
Other information: Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

Section 6: Accidental Release Measures

Personal precautions: Provide adequate ventilation, avoid contact with skin and eye contact. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing). Don't smoke. Prevent any contact with hot surfaces.

Environmental precautions

Land spill: Shut off source. Prevent product from entering sewerage, water courses or low lying areas. Take measures to reduce or prevent effects on ground water. Gather product mechanically if possible. Bind remaining of the product with sand or other appropriate absorbent and remove. Dispose of product and contaminated absorbents in suitable containers.

Water spill: Confine the spill immediately with booms. Warn other ships. Notify port and other relevant authorities. Remove from the surface by skimming or with suitable absorbents. In running waters, apply appropriate dispersant in accordance with local regulation.

Methods for cleaning up: Contain spilled material, cover with an inert, non-combustible, inorganic, absorbent material and destroy according to the regulation in force.

Section 7: Handling and Storage

Precautions for safe handling: To avoid splashing into the eyes and mucous membranes and following the arrangement of the workplace and manipulations, wearing glasses and special clothing (gloves...) may be indicated. It is prohibit smoking in areas where they are handled. Do not heat with a naked flame or expose their vapors to a flame or other sources of ignition (eg electrical equipment). Do not abundantly breathe vapors. Large spillages should be contained with sand or inert powder.

Conditions for safe storage: Store in cool, dry and ventilated area, away from heat sources, sparks and open flames, protected from light in tightly closed original container

Section 8: Exposure Controls/Personal Protection

Respiratory protection: Avoid to breath directly on the product. Ensure a good ventilation of the workroom.

Hand protection: Use protective gloves.

Eye protection: Avoid contact with eyes. Use eye protectors designed to protect against liquid splashes. Before handling, wear safety goggles in accordance with standard EN166.

Physical protection: Use individual protective equipment: gloves, eye goggles, lab coat.

Section 9: Physical and Chemical Properties

Appearance: Viscous liquid with crystallizations sometimes
Colour: Colourless to yellow
Odour: Typical
Flash point: +100°C
Specific gravity: 0.941 to 0.965 at 20°C
Refractive index: 1.500 to 1.510 at 20°C
Optical rotation: -36° to -16° at 20°C

Solubility: Insoluble in water; soluble in max 5 parts of 95% ethanol (V/V), miscible in vegetable oils

Section 10: Stability and Reactivity Data

Stability: No significant modifications, respecting the storage conditions

Reactivity: This product is stable to shock, vibration and pressure under normal conditions of use. In the presence of light and heat, oxidation can occur.

Conditions to avoid: Do not heat to high temperature. Do not expose sealed containers in the sun. Keep away from sources of ignition.

Substances to avoid: Avoid contacts with strong acids, alkali or oxidizing agents.

Section 11: Toxicological Information

Effect by ingestion: LD org. 50: > 5000 mg/kg [RAT]

Effect by skin contact: LD derm. 50: > 5000 mg/kg [RABBIT]

CMR naturally present: Methyl eugenol (Car 2 / Mut 2) <0.1%

IFRA restrictions: Cedarwood Virginia essential oil is not explicitly regulated by IFRA. It contains compounds that may be regulated by IFRA.

Residual solvents: Not applicable

Section 12: Ecological Information

Prevent contamination of soil, ground and surface water. Biodegradability not determined. Toxic to aquatic organisms, resulting in long-term adverse effects.



Section 13: Disposal Considerations

Recommendation: In accordance with local environmental laws. Avoid disposing into drainage systems and into the environment.

Section 14: Transport Information

UN no: 3082
Road (ADR/RID): Environmentally hazardous substance, liquid, n.o.s., 9, III
Air (IATA/ICAO): Environmentally hazardous substance, liquid, n.o.s., 9, III
Sea (IMDG): Environmentally hazardous substance, liquid, n.o.s., 9, III
Marine pollutant: yes

Section 15: Other Regulatory Information

Regulations specific for the substance or mixture: Not available data
Chemical safety assessment: Not available data

Section 16: Other Information

Disclaimer:

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Plant's Power be liable for any claims, losses, or damages of any third party or for lost