

# FLINN SCIENTIFIC, INC.

## Material Safety Data Sheet (MSDS)

MSDS #: 222.00

Revision Date: April 10, 2012

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### SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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#### Cedarwood Oil

Flinn Scientific, Inc. P.O. Box 219 Batavia, IL 60510 (800) 452-1261

CHEMTREC Emergency Phone Number: (800) 424-9300

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### SECTION 2 — COMPOSITION, INFORMATION ON INGREDIENTS

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Cedarwood oil

CAS#: 8000-27-9

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### SECTION 3 — HAZARDS IDENTIFICATION

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Clear oil. May yellow or brown in color with age. Odorless.

Moderately toxic by inhalation, ingestion, or skin absorption. May cause skin irritation. Avoid aspiration of any oil into the lungs.

Combustible.

#### FLINN AT-A-GLANCE

Health-2

Flammability-1

Reactivity-1

Exposure-1

Storage-3

0 is low hazard, 3 is high hazard

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### SECTION 4 — FIRST AID MEASURES

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Call a physician and seek medical attention for further treatment, observation, and support after first aid.

Inhalation: Remove to fresh air at once. If breathing has stopped, give artificial respiration immediately. Seek immediate medical attention if oil has aspirated into the lungs.

Eye or External: Immediately flush with fresh water for at least 15 minutes.

Internal: Rinse mouth. Give large quantities of water for dilution. Call a physician or poison control at once.

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### SECTION 5 — FIRE FIGHTING MEASURES

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Combustible liquid.

**Fire Fighting Instructions:** Use a triclass, dry chemical fire extinguisher. Firefighters should wear PPE and SCBA with full facepiece operated in positive pressure mode.

#### NFPA CODE

None  
established

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### SECTION 6 — ACCIDENTAL RELEASE MEASURES

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Restrict unprotected personnel from the area. Remove all ignition sources and ventilate area. Contain the spill with sand or other inert absorbent material and deposit in a sealed bag or container. See Sections 8 and 13 for further information.

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### SECTION 7 — HANDLING AND STORAGE

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Flinn Suggested Chemical Storage Pattern: Organic #4. Store with ethers, ketones, halogenated hydrocarbons, and ethylene oxide. Store in a dedicated flammables cabinet. If a flammables cabinet is not available, store in Flinn Saf-Stor Can.

Use and dispense in a hood.

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### SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

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Avoid contact with eyes, skin, and clothing. Wear chemical splash goggles, chemical-resistant gloves, and a chemical-resistant apron. Use exhaust ventilation to keep airborne concentrations low.

Exposure guidelines: TLV 10 mg/m<sup>3</sup> as oil mist (ACGIH)

**SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES**

Clear oil. May yellow or brown in color with age.  
Solubility: Soluble in many organic solvents. An essential oil.

Boiling point: 267 °C  
Refractive index: 1.456  
Specific gravity: 0.947

**SECTION 10 — STABILITY AND REACTIVITY**

Avoid strong oxidizing agents. May discolor on exposure to light.  
Shelf life: Indefinite, if stored properly.

**SECTION 11 — TOXICOLOGICAL INFORMATION**

Acute effects: Moderately toxic, irritant.  
Chronic effects: N.A.  
Target organs: Central nervous system.

ORL-RAT LD<sub>50</sub>: > 5000 mg/kg  
IHL-RAT LC<sub>50</sub>: N.A.  
SKN-RBT LD<sub>50</sub>: 500 mg/24H

N.A. = Not available, not all health aspects of this substance have been fully investigated.

**SECTION 12 — ECOLOGICAL INFORMATION**

Data not yet available.

**SECTION 13 — DISPOSAL CONSIDERATIONS**

Please review all federal, state and local regulations that may apply, before proceeding.  
Flinn Suggested Disposal Method #18b is one option.

**SECTION 14 — TRANSPORT INFORMATION**

Shipping name: Not regulated  
Hazard class: N/A  
UN number: N/A  
N/A = Not applicable

**SECTION 15 — REGULATORY INFORMATION**

Not listed.

**SECTION 16 — OTHER INFORMATION**

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**Consult your copy of the *Flinn Science Catalog/Reference Manual*  
for additional information about laboratory chemicals.**