



JOHN KELLYS (LONDON) LTD

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- Essential Oils • Aromatic Chemicals • Oleoresins • Fragrances • Flavors • Functional ingredients

TECHNICAL DATA SHEET

PRODUCT: Cedarwood Oil Chinese

JK LOT NUMBER: 38108

1. Product Identification

- Botanical Source: Typically Juniperus mexicana (Texas Cedarwood), Cedrus atlantica (Atlas Cedarwood), or Cedrus deodara (Himalayan Cedarwood)
- INCI Name: Juniperus Mexicana Wood Oil / Cedrus Atlantica Wood Oil
- Appearance: Clear to slightly viscous liquid; color ranges from pale yellow to yellowish-brown.
- Odor: Characteristic warm, woody, balsamic aroma.

2. Physical & Chemical Properties

Property	Specification
Density (25°C)	0.940–1.000 g/mL (typical: 0.952 g/mL)
Refractive Index (20°C)	1.493–1.513
Specific Gravity (25°C)	0.950–0.970
Flash Point	> 93.3°C (closed cup)
Boiling Point	~263–279°C
Solubility	Insoluble in water; soluble in alcohol, ether, and fixed oils
Acid Value	≤ 20.0

3. Main Components

α Cedrene

γ Murolene

α Cedrol – major component

Limonene, Ocimene), etc.

4. Hazards Identification

- H315: Causes skin irritation
- H317: May cause allergic skin reaction
- H304: May be fatal if swallowed and enters airways (aspiration hazard)

Precautionary Statements:

- P264: Wash skin thoroughly after handling
- P280: Wear protective gloves/eye protection
- P302+P352: If on skin: Wash with plenty of soap and water
- P332+P313: If skin irritation occurs: Get medical advice

5. Handling & Storage

Handling: Use in well-ventilated areas; avoid contact with skin/eyes; do not ingest or inhale mist

Storage: Store in tightly closed containers; keep cool (<15°C recommended), dry, and away from direct light

6. Applications

- Aromatherapy & perfumery
- Cosmetics (skin/hair care)
- Natural insect repellent
- Wood preservation
- Flavoring (food grade only)

7. Toxicological Information

- Acute Oral (Rat): LD₅₀ > 2,000 mg/kg (generally low oral toxicity)
- Dermal (Rabbit): LD₅₀ > 5,000 mg/kg; may cause irritation/sensitization
- Inhalation: May irritate respiratory tract; aspiration into lungs is dangerous