

Hindustan MINT & AGRO PRODUCTS Pvt. Ltd.

Office - Barehseni Street, Chandausi- 244412 (India) Factory- Devarkhera, Moradabad Road, Chandausi- 244412 (India) Phone: +91-5921-250540 Fax: +91-5921-250074

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A Company since 1976

DRUG LIC. (USP/BP/IP)No. 27 of 1997 WHO-GMP, US-FDA ISO-9001:2015 ISO-14001:2004 ISO-22005:2005 GLP, KOSHER, HALAL, HACCP, REACH FSSAI- Certified Company

TECHNICAL DATA SHEET

PRODUCT NAME:-

Cedar Wood Oil

Botanical Name: Cedrous deodara

CHEMICAL PROPERTIES:-

CAS No. : 8000-27-9
Product code : HM-CWO
HS Code : 33012916
Flash Point : 118°C
Boiling Point : 279 °C

DESCRIPTION:-

Pale yellow to dark yellow color oily liquid & the characteristic odor of cedar wood.

SOLUBILITY:-

Soluble in alcohol and other organic solvents & insoluble in water.

SPECIFICATION:-

| SPECIFIED TEST | SPECIFICATION | TEST METHOD |
|------------------------------|--|---------------------|
| 1). Physicochemical | | |
| a). Appearance/Odor | It is pale yellow to dark yellow in colour and odor is somewhat viscous & of rich sweet,-woody almost balsamic & the characteristic odor of cedar wood | Visual/Organoleptic |
| b). Solubility | Soluble in Alcohol and other organics solvents & insoluble in water. | Visual |
| c). Optical Rotation at 20°C | $+48.0^{\circ} \text{ to } +70.0^{\circ}$ | Digital OR Meter |
| d). Refractive index at 20°C | 1.5080 to 1.5180 | Digital RI Meter |
| e). Specific Gravity at 20°C | 0.9200 to 0.9500 | Digital SG Meter |
| f). Acid No. | Below 1 | Titration |
| g). Flash Point | 118°C | In House |
| h). Alpha Himachalene | 2.0% to 18.0% | Gas Chromatography |



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ISO-9001:2015

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LABELING:-

The label states whether the contents are Himachalene.

HANDLING:-

Wear safety glasses or goggles and rubber gloves when handling. If transferring to or from the container use proper grounding procedures. See Material Safety Data Sheet for full information.

PACKING:-

In new GI/HDPE drums of 180 Kgs net, packed at controlled room temperature or according to customer's requirements.

STORAGE:-

Store at room temperature and kept in closed container, in a dark, fresh and dry place

SHELF LIFE:-

3 Years if sealed and stored properly.

For: Hindustan Mint & Agro Products Pvt. Ltd.

Authorized Signatory

^{*}electronically generated document need not be signed