

## MANUFACTURING PROCESS

Essential oil obtained by distillation of wood of Cedar Atlas from Morocco.  
*Cedrus atlantica* Manetti

### DESCRIPTION

**Odour** : woody, delicate, leather-like, balsam-like, dusty  
**Appearance** : liquid at room temperature  
**Colour** : pale yellow, amber  
**Afnor / ISO** : /  
**Main components** :  
 $\beta$ -himachalene (40-47%),  $\alpha$ -himachalene (15-19%),  $\gamma$ -himachalene (9-12%)

### PHYSICO-CHEMICAL DATA

**Relative density** : 0.929 - 0.945  
**Refractive index** : 1.508 - 1.517  
**Optical rotation at 20°C** : 60 - 82 °  
**Flash point** : 112 °C

### LEGISLATION

**CAS-No. (TSCA)** : 8023-85-6  
**CAS EINECS** : 92201-55-3  
**FEMA** : /  
**FDA** : /  
**CoE** : 2025n  
**EINECS** : 295-985-9  
**FCC** : Not registered  
**RIFM monograph** : Yes

### STORAGE - TRANSPORT - HANDLING

**Storage conditions** :  
Store tightly closed in a dry and cool place. Keep away from heat and direct sunlight. Store locked up. Store in a well-ventilated place. Keep contents under nitrogen

**Shelf life** :  
12 months from despatching date on, under normal storage conditions.

**Labelling** :  
GHS07, GHS08, GHS09  
H304, H317, H411  
P280; P301+P310+P331; P321; P333+P313; P362+P364; P391

**Customs code** : 3301294100

**INCI NAME** : CEDRUS ATLANTICA WOOD OIL  
**Regulation (EC) 1334/2008** : Flavouring preparation (as per article 3.2.d.ii)  
**IFRA restrictions** (Amendment 49) : Cedarwood Atlas oil is not explicitly regulated by IFRA. It contains maximum 0.1% limonene classified "S" (specified); 2% alpha-cédrène, 0,5% bêta-cédrène classés "R" (restricted); and 0.01% toluene classified "P" (prohibited).  
**Résidual solvent(s)** : not applicable

Analysis method : gas chromatography (GC/FID) area % according to normalization method (ISO 7609 and 11024). Detection limit : 100ppm.