

MANUFACTURING PROCESS

Essential oil obtained by hydrodistillation of the gum of Elemi, exsudation of *Canarium luzonicum* Miq. and other assimilated species.

***Canarium luzonicum* Miq. syn. *Canarium commune* Willd.**

DESCRIPTION

Odour : terpene-like, spicy, citrus-like, zesty, frankincense
Appearance : liquid at room temperature
Colour : Colourless, pale yellow
Afnor / ISO : NF ISO 10624
Main components :
Limonene, alpha-phellandrene, elemol

PHYSICO-CHEMICAL DATA

Relative density : 0.85 - 0.91
Refractive index : 1.472 - 1.49
Optical rotation at 20°C : 44 - 85 °
Peroxide value : < 20 mmol/L
Flash point : 53 °C

LEGISLATION

CAS-No. (TSCA) : 8023-89-0
CAS EINECS : 9000-75-3
FEMA : 2408
FDA : 172.510
CoE : 104n
EINECS : 945-898-3 (232-557-2)
FCC : Not registered
RIFM monograph : Yes

STORAGE - TRANSPORT - HANDLING

Storage conditions :
Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up. Keep contents under nitrogen

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

Labelling :
GHS02, GHS07, GHS08, GHS09
H226, H304, H315, H317, H411
P210; P280; P321; P501; P301+P310

Customs code : 3301294100

INCI NAME : CANARIUM LUZONICUM GUM OIL
Regulation (EC) 1334/2008 : Flavouring preparation (as per article 3.2.d.ii)
IFRA restrictions (Amendment 49) : Not explicitly regulated by IFRA. It contains maximum 0.1% carvone, 0.7% methyl eugenol classified "R" (restricted), 72% limonene classified "S" (specified), 0.05% toluene classified "P" (prohibited).
CMR naturally present(s) : Toluene <0.05%, gamma-terpinene <0.5%, p-cymene <5%, methyl eugenol < 0.7%
Résidual solvent(s) : not applicable

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