

## PROCESSING METHOD

Essential Oil obtained by steam distillation from the nut of *Myristica fragrans* Houttuyn (Syn : *Myristica officinalis* L.f.)

## PHYSICAL PROPERTIES

Odour:	Woody, spicy and sweet
Apperance:	Liquid
Color:	Colorless to pale yellow

## CHEMICAL PROPERTIES

Specific gravity at 20°C	0,870 to 0,900
Refractive index at 20°C	1,470 to 1,490
Optical rotation at 20°C	+5,0 ° to +40,0 °
Flash point	+38 °C
Acid value	N.A.
Peroxide value	N.A.

## MAIN INGREDIENTS

Sabinene (10,00 to 45,00%)  
Alpha pinene (10,00 to 18,00%)  
Beta pinene (5,00 to 18,00%)  
4-Terpinenol (<= 12,00%)  
Gamma terpinene (<= 10,00%)  
Eugenol (<= 0,60%)

## TECHNICAL SPECIFICATIONS

NCS, Natural Complex Substance (100% pure and natural)

N° CAS TSCA	8008-45-5
N° CAS EINECS	84082-68-8
N° EINECS	282-013-3
N° FEMA	2793
N° FDA	182.20
N° CoE	296n
FCC	x
RIFM	x
FMA	-
AFNOR	NF ISO 3215
INCI	MYRISTICA FRAGRANS FRUIT OIL (NUTMEG)
Country of harvest	SRI LANKA
Country of manufacturing	SRI LANKA



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## HANDLING AND STORING

Follow usual precaution of chemical ingredient handling. Store in a sealed container, in a dry, cool and aired area, protected from the light.

## SPECIAL INDICATIONS

The presence of the following allergen substances in a finished product must be indicated by way of labelling if their respective concentration exceeds 100 ppm in a rinsed product and 10 ppm in a product not rinsed. (Annex III of Regulation (EC) N°1223/2009 of 30 november 2009 on cosmetic products)

Present allergens:

D-Limonene ( $\leq 6,00\%$ ), Isoeugenol ( $\leq 1,00\%$ ), Eugenol ( $\leq 0,60\%$ ), Linalool ( $\leq 0,50\%$ ), Geraniol ( $\leq 0,40\%$ ), Citronellol ( $\leq 0,20\%$ )

IFRA restrictions:

This substance and/or some of its components are covered by the Code of Practice of the IFRA in effect, available on the internet website [www.ifraorg.org](http://www.ifraorg.org)

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