

PROCESSING METHOD

Essential Oil obtained by steam distillation from the rhizome of : Zingiber officinale Roscoe

PHYSICAL PROPERTIES

Odour:	Aromatic, spicy
Appearance:	Mobile liquid
Color:	Pale yellow to brown

CHEMICAL PROPERTIES

Specific gravity at 20°C	0,872 to 0,894
Refractive index at 20°C	1,485 to 1,492
Optical rotation at 20°C	-52,0 ° to -12,0 °
Flash point	+65 °C
Acid value	N.A.
Peroxide value	N.A.

MAIN INGREDIENTS

Germacrene D + Alpha zingiberene + Beta bisabolene (35,00 to 45,00%)
Beta sesquiphellandrene + ar curcumene (10,00 to 25,00%)
Camphene (<= 10,00%)

TECHNICAL SPECIFICATIONS

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

N° CAS TSCA	8007-08-7
N° CAS EINECS	84696-15-1
N° EINECS	283-634-2
N° FEMA	2522
N° FDA	182.20
N° CoE	489n
FCC	x
RIFM	x
FMA	x
AFNOR	-
INCI	ZINGIBER OFFICINALE ROOT OIL
COUNTRY OF HARVEST	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:

Citral (Geranial + Neral) (<= 3,00%), D-Limonene (<= 2,00%), Linalool (<= 1,00%), Geraniol (<= 1,00%)

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

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