

PROCESSING METHOD

Essential Oil obtained by steam distillation from the fresh flowering top of *Cymbopogon winterianus* Jowitt

PHYSICAL PROPERTIES

Odour:	Herbaceous, note of lemon
Appearance:	Limpid mobile liquid
Color:	Clear yellow

CHEMICAL PROPERTIES

Specific gravity at 20°C	0,880 to 0,897
Refractive index at 20°C	1,466 to 1,475
Optical rotation at 20°C	-5,0 ° to +1,0 °
Flash point	+81 °C
Acid value	N.A.
Peroxide value	N.A.

MAIN INGREDIENTS

Citronellal (26,00 to 45,00%)
Geraniol (16,00 to 30,00%)
Citronellol (7,00 to 18,00%)
Geranyl acetate (<= 8,00%)
Elemol (<= 8,00%)

TECHNICAL SPECIFICATIONS

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

N° CAS TSCA	8000-29-1
N° CAS EINECS	91771-61-8
N° EINECS	294-954-7
N° FEMA	2308
N° FDA	-
N° CoE	2046a
FCC	-
RIFM	-
FMA	-
AFNOR	NF T 75-223
INCI	CYMBOPOGON WINTERIANUS HERB OIL
Country of harvest	INDONESIA



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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:

Geraniol (16,00 to 30,00%), Citronellol (7,00 to 18,00%), D-Limonene (1,00 to 5,00%), Citral (Geraniol + Neral) (<= 4,00%), Eugenol (<= 2,00%), Linalool (<= 1,50%), Farnesol (<= 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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