

Processing method

Essential Oil obtained by expression without heating from the peel of Citrus paradisi Macfadyen

Physical properties

Odour:	Sweet, fruitily and peeled
Appearance:	Liquid which can become turbid by fall in the temperature. The presence of a deposit is a natural phenomenon that may appear after storage.
Color:	Orange yellow to red

Chemical properties

Specific gravity at 20°C	0,850 to 0,860
Refractive index at 20°C	1,474 to 1,478
Optical rotation at 20°C	+80,0 ° to +96,0 °
Flash point	+54 °C
Acid value	N.A.
Peroxide value	< 20 mmoles/L

Main ingredients

D-Limonene (90,00 to 97,00%)
Myrcene (<= 4,00%)
Alpha pinene (<= 2,00%)

Technical specifications

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

N° CAS TSCA	8016-20-4
N° CAS EINECS	90045-43-5
N° EINECS	289-904-6
N° FEMA	2530
N° FDA	182.20
N° CoE	140n
FCC	X
RIFM	X
FMA	-
AFNOR	-
INCI	CITRUS PARADISI PEEL OIL
Country of harvest	SOUTH AFRICA
Country of manufacturing	SOUTH AFRICA

Handling and Storage

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



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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 (90,00 to 97,00%), Citral (Geranial + Neral) ($\leq 0,50\%$), Linalool ($\leq 0,50\%$)

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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