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	<b>TDS B220</b> Version 04.50	

Organic product certified by FR-BIO-01

**PROCESSING METHOD**

Essential Oil obtained by steam distillation from the bark of young stems of *Cinnamomum verum J.Presl (Syn : Cinnamomum zeylanicum Blume)*

**PHYSICAL PROPERTIES**

Odour	: Spicy, mild and sweet
Appearance	: Liquid
Color	: Clear yellow to amber yellow

**CHEMICAL PROPERTIES**

Specific gravity at 20°C	: 0,990 to 1,040
Refractive index at 20°C	: 1,540 to 1,591
Optical rotation at 20°C	: -5,0 ° to +1,0 °
Flash point	: +71 °C
Acid value	: N.A.
Peroxide value	: N.A.

**MAIN INGREDIENTS**

**Cinnamal (Cinnamaldehyde) (40,00 to 75,00%)**  
**Eugenol (<= 20,00%)**  
**Cinnamyl acetate (<= 18,00%)**  
**Beta phellandrene (<= 11,00%)**  
**Beta caryophyllene (<= 9,00%)**

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

N°CAS TSCA	: 8015-91-6
N°CAS EINECS	: 84649-98-9
N°EINECS	: 283-479-0
N°FEMA	: 2291
N°FDA	: 182.20
N°CoE:	: 133n
FCC	: X
RIFM	: X
FMA	: X
AFNOR	: -
INCI	: CINNAMOMUM ZEYLANICUM BARK OIL
Country of harvest	: MADAGASCAR
Country of manufacturing	: MADAGASCAR

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**HANDLING, STORING AND SHELF LIFE**

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

**Shelf life : 36 months from the date of manufacture**

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**TRANSPORT INFORMATION**

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**Hazard Class 6.1, Packing group III, UN n°2810**

Customs rate code : **3301 29 41**

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**SPECIAL INDICATIONS**

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- 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 : **Cinnamal (Cinnamaldehyde) (40,00 to 75,00%), Eugenol (<= 20,00%), Linalool (0,90 to 4,00%), D-Limonene (<= 3,00%), Benzyl benzoate (<= 2,00%), Cinnamyl alcohol (<= 2,00%)**

- 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](http://www.ifraorg.org)**

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Contact **M. DENAT Jean-François**

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