



Technical Data Sheet

ORGANIC CINNAMON BARK OIL / Cinnamomum zeylanicum

Manufacturer : ROBERTET BIO
 Reference : ORGANIC CINNAMON BARK OIL / Cinnamomum zeylanicum
 Code : HECANECMAD
 Analytical reference : ROBERTET BIO

GENERALS PROPERTIES

Analytical reference : ROBERTET BIO
 Used part : Bark
 Organic certification : ORGANIC = ORGANIC PRODUCT Certified by FR-BIO-01
 Manufacturing method : By hydrodistillation of bark
 Country of origin : Madagascar
 Product manufactured by : ROBERTET BIO
 INCI : Cinnamomum Zeylanicum Bark Oil

ORGANOLEPTIC PROPERTIES

Appearance : Limpid liquid
 Color : Yellow to brownish yellow
 Odor : Spicy

TECHNICAL DATA

Relative density (d_{20/20}) : [1.005 ; 1.030]
 Refractive index @ 20°C : [1.570 ; 1.590]
 Angular rotation (°) : [-4.0 ; +2.0]
 Flash point : >93
 Ethanol solubility : yes

MAIN CONSTITUENTS IN %

alpha-Pinène : [0.0 ; 3.5]
 Benzaldéhyde : [0.0 ; 1.0]
 alpha-Phellandrène : [0.0 ; 2.0]
 para-Cymène : [0.0 ; 2.0]
 Limonène : [0.0 ; 4.0]
 beta-Phellandrène : [0.0 ; 4.0]
 Linalol : [0.0 ; 5.0]
 trans-Cinnamaldéhyde : [45.0 ; 75.0]
 Cinnamyl alcohol : [0.0 ; 1.0]
 Eugénol : [1.0 ; 6.0]

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<i>Coumarine</i> :	[0.0 ; 0.3]
<i>beta-Caryophyllène</i> :	[1.0 ; 7.5]
<i>Acétate de cinnamyle</i> :	[1.0 ; 16.0]
<i>trans 2-méthoxy Cinnamaldéhyde</i> :	[0.0 ; 2.5]
<i>Benzoate de benzyle</i> :	[0.0 ; 3.5]
<i>Methyl eugénol</i> :	[0.0 ; 0.05]
<i>Safrol</i> :	[0.0 ; 0.2]
<i>Methylchavicol</i> :	< 10 ppm

PACKAGING - STORAGE*Shelf life* : 24 Months*Storage conditions* : This product is best stored in its original packaging in a dry, well ventilated and controlled temperature area. Avoid exposure to direct sunlight.**Transport :**

<i>LAND TRANSPORT ADR/RID</i> :	2810 TOXIC LIQUID, ORGANIC, N.O.S., 6.1, III
<i>SEA TRANSPORT IMDG</i> :	2810 TOXIC LIQUID, ORGANIC, N.O.S., 6.1, III
<i>Marine pollutant</i> :	Oui
<i>AIR TRANSPORT IATA</i> :	2810 TOXIC LIQUID, ORGANIC, N.O.S., 6.1, III

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CoE : 133

EINECS : 283-479-0

FDA : 182.20

FEMA : 2291

C.A.S : 8015-91-6 84649-98-9

Labeling :

AH1 Aspiration hazard 1



ATD3 Acute toxicity dermal 3

CAR1B Carcinogenicity 1B

ED12 Serious eye damage / eye irritation 2

ED12A Serious eye damage / eye irritation 2A

EHC3 Hazardous to the aquatic environment, long-term hazard 3

SCI2 Skin corrosion / irritation 2

SS1 Sensitisation skin 1

H304 - May be fatal if swallowed and enters airways.

H311 - Toxic in contact with skin.

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

H350 - May cause cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H412 - Harmful to aquatic life with long lasting effects.

P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 - Wash ... thoroughly after handling.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P273 - Avoid release to the environment.

[Labelling Manual - FootNote : 3b (oral);3b (dermal) : Labeling for acute toxicity based on test data.]