

## A. ESSENTIAL OILS OF CINNAMON (*cinnammomum zeylanicum*)



Two types of Essential oils are obtained from cinnamon tree.

- Essential oil of cinnamon bark (consisting mainly of cinnamaldehyde more than 50%) for fine perfumery.
- Essential Oil Cinnamon Leaf (composed of 80% Eugenol) for the chemical industry.

### ESSENTIAL OIL OF CINNAMON BARK

Mainly used in Fine Perfumery, aromatherapy and pharmacy.

The yield is 0.8 to 1%

Trimeta Agro Food can produce 150kg per month.

Packaging: HDPE drums of 50kg



Pictogram

#### PHYSICAL AND CHEMICAL PROPERTIES

##### Appearance

Form: liquid mobile, clear

Color: yellow to dark yellow

Odor: spicy, characteristic of cinnamon

##### Safety Data:

pH : N/A

Melting point : N/A

Boiling point : 245°C

Flash point : > 85°C

Ignition temperature : N/A

Lower explosion limit : N/A

Upper explosion limit : N/A

Density : 1.035 to 1.050

Solubility: insoluble in water, soluble in alcohol 70 °

Does not contain any oxidizing substance known to ignite spontaneously

No risk of explosion at room temperature.



SGH 07

Signal word

warning

CAS (TSCA)N°	CAS (EINECS) N°	EINECS N°	CLASSIFICATION	CONCENTRATION
<b>Cinnamon Bark oil; Contains more than 50% of cinnamaldehyde</b>				
8015-91-6	84649-98-9	283-479-0	Skin irrit.(2); eye irrit.(2); skin sensitization(1) ; STOT-SE 3; H315, H317, H319, H335 ; <b>X</b> , R36/37, R43	100% natural

### ESSENTIAL OIL OF CINNAMON LEAF

It is mainly used in Chemical Industry (extraction on Eugenol and other minor components)

#### PHYSICAL AND CHEMICAL PROPERTIES



#### Appearance

Form: liquid mobile, clear

Color: yellow to dark yellow

Odor: spicy, characteristic of cinnamon

#### Safety Data:

pH : N/A

Melting point : N/A

Boiling point : 205°C

Flash point : > 85°C

Ignition temperature : N/A

Lower explosion limit : N/A

Upper explosion limit : N/A

Density : 1.039 to 1.050

Solubility: insoluble in water, soluble in alcohol 70 °

Does not contain any oxidizing substance known to ignite spontaneously

No risk of explosion at room temperature.



#### Pictogram



Signal word

warning

CAS (TSCA)N°	CAS (EINECS) N°	EINECS N°	CLASSIFICATION	CONCENTRATION
<b>Cinnamon Leaf oil; Contains 70% to 80% Eugenol</b>				
8015-91-6	84649-98-9	283-479-0	Skin irrit.(2); eye irrit.(2); skin sensitization(1) ; STOT-SE 3; H315, H317 , H319, H335 ; <b>X</b> , R36/37, R43	100% natural