

## DATA SHEET

## EUCALYPTUS RADIATA SAF OIL

 Number of pages : 2  
 Created on : 02/11/2003  
 Modified on : 18/06/2019  
 Last update : 15/07/2019
**TDS 406**

Version 04.50

*Eucalyptus radiata A.Cunn. ex DC. (Syn : Eucalyptus australiana R.T.Baker & H.G.Sm. / Eucalyptus phellandra R.T.Baker & H.G.Sm.)*

## PROCESSING METHOD

Essential Oil obtained by steam distillation from the leaf and branches of *Eucalyptus radiata* A.Cunn. ex DC. (Syn : *Eucalyptus australiana* R.T.Baker & H.G.Sm. / *Eucalyptus phellandra* R.T.Baker & H.G.Sm.)

## PHYSICAL PROPERTIES

Odour : **Note of menthol, cineol and fresh**  
 Appearance : **Liquid**  
 Color : **Colorless to pale yellow**

## CHEMICAL PROPERTIES

Specific gravity at 20°C : **0,905 to 0,925**  
 Refractive index at 20°C : **1,455 to 1,475**  
 Optical rotation at 20°C : **-5,0 ° to +10,0 °**  
 Flash point : **+51 °C**  
 Acid value : **N.A.**  
 Peroxide value : **N.A.**

## MAIN INGREDIENTS

**Cineol 1,8 (Eucalyptol) (60,00 to 80,00%)**  
**D-Limonene (<= 15,00%)**  
**Alpha terpineol (4,00 to 14,00%)**  
**Terpinyl acetate (<= 5,00%)**  
**Alpha pinene (<= 5,00%)**

## TECHNICAL SPECIFICATIONS

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

N°CAS TSCA : **8000-48-4**  
 N°CAS EINECS : **92201-64-4**  
 N°EINECS : **295-995-3**  
 N°FEMA : -  
 N°FDA : -  
 N°CoE: : -  
 FCC : -  
 RIFM : -  
 FMA : -  
 AFNOR : -  
 INCI : **EUCALYPTUS RADIATA LEAF/STEM OIL**  
 Country of harvest : **SOUTH AFRICA**  
 Country of manufacturing : **SOUTH AFRICA**

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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 3, Packing group III, UN n° 1169**

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 : **D-Limonene (<= 15,00%), Geraniol (<= 2,00%), Citral (Geranial + Neral) (<= 2,00%), Linalool (<= 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](http://www.ifraorg.org)**

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This sheet has been updated on 15/07/2019

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Number of pages : 2

Printed on : 27/11/2019

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