

## 73760 Eucalyptus Oil

Eucalyptus (family of the Myrtaceae) is common in South Australia and Tasmania, but it is cultivated in many warmer regions. Oil can be won from many different kinds of Eucalyptus. In Australia they know about 180 sorts with different characteristics.

Eucalyptus leaves contain 0.0084% to 4.2% ethereal oil. The best known Eucalyptus is *E. globulus*, growing fast and up to 70 m high. Its oil is a light yellow or pale greenish liquid with pleasant smell, consisting of approximately two thirds of Eucalyptol (Cineol), the main cause of smell and effect. Larger quantities may cause irritations. It is used in medicine and cosmetics.

Eucalyptol: Sum formula:  $C_{10}H_{18}O$ , mol mass: 154.2 g/mol

Source::

V.Grafe: Grafes Handbuch der organischen Warenkunde, Stuttgart 1930.

### Description:

Product:	Eucalyptus Oil 80 – 85 %
INCI:	Eucalyptus Globulus Leaf Oil
CAS No.:	84625-32-1
EINECS:	283-406-2
TSCA No.:	8000-48-4
FDA No.:	172.510
CoE No.:	185
FEMA No.:	2486

### Specification:

Appearance:	liquid
Color:	clear
Odor:	conforming to standard
Density (20°C):	0.906 – 0.925 g/ml
Refractive Index (20°C):	1.458 – 1.470
Optical Rotation (20°C):	0.5 – 3.5°

Storage conditions: Store full containers tightly closed in a cool, dry and well ventilated place protected from light and air.

Shelf life: At least 24 months under the specific storage conditions.