



Specialized in chemicals

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Technical Data Sheet

Eucalyptus oil

Product Information

Chemical Name	Eucalyptus oil
CAS #	8000-48-4
Formula	C ₁₀ H ₁₈ O
Molecular Weight	154.25

Description

Eucalyptus oil is made from the leaves of eucalyptus, amphor and branches of camphor. The initial eucalyptus oil is extracted by steam distillation, and refined processing. The proportion of raw materials and output is 2%-3%.

Physical Properties

Boiling range, °C	200 °C
Density @ 20°C, g/cm ³	0.909 g/mL at 25 °C
Flash point, °C	135 °F

Specification

Items	Specification	Testing Results
Appearance	Pale yellow liquid	Confirms
Odor,%	Characteristic of the 1,8 cineole	Confirms
Fat,%	≤2.0	1.9
Relative density,20°C	0.905-0.919	0.908
Refractive index,20°C	1.4580-1.4650	1.4598
Optical rotation,°	0-- 6	1.5
Solubility, 20°C	1ml dissolve in 5ml 70% alcohol	Confirms
Content,%(GC)	≥80	80.2

Safety

Very hazardous in case of skin contact (irritant), of eye contact (irritant), of inhalation. Hazardous in case of skin contact (permeator), of ingestion. Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

Always refer to the Material Safety Data Sheet (MSDS)

Applications

- 1.To be used in food flavour.
2. eucalyptus oil have antiseptic effect, a large number of used for pharmaceutical products, also can make some cough syrup, gum, gargle, toothpaste, sweet agent assigned air cleaner, etc.
3. It can also be used for fine points 1, 8 - eucalyptus evvh synthetic spices materials.

Packaging

180kg per plastic or iron drum.

14.4mt per 20ft container

Storage & Handling

Precautions:

Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapour/spray. In case of insufficient ventilation, wear suitable respiratory equipment If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes

Storage:

Flammable materials should be stored in a separate safety storage cabinet or room. Keep away from heat. Keep away from sources of ignition. Keep container tightly closed. Keep in a cool, well-ventilated place. Ground all equipment containing material. Keep container dry. Keep in a cool place.Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchant ability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we has been advised of the possibility of such damages.

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