TECHNICAL DATA SHEET (TDS)

Product Name	Eucalyptus Globulus Essential Oil
INCI	Eucalyptus Globulus Leaf Oil
Product Code	K0176
CAS No.	8000-48-4 / 84625-32-1
EINECS No.	283-406-2
Product Type	Essential Oil
Botanical Source	Eucalyptus globulus

Product Description

Eucalyptus Globulus Essential Oil is a naturally derived essential oil characterised by its fresh, distinctive eucalyptus aroma and high 1,8-cineole (eucalyptol) content.

Technical Specifications

Parameter	Specification
Appearance	Liquid
Colour	Colourless - pale yellow - yellow
Odour	Characteristic
Specific Gravity @ 20°C	0.877 - 0.945
Refractive Index @ 20°C	1.376 - 1.470
Optical Rotation	0.0 to +10.0°
1,8-Cineole (Eucalyptol) Assay	70.0 - 95.0%

Solubility

Oil soluble. For incorporation into aqueous systems, an appropriate solubilisation system may be required.

Applications

Suitable as an essential-oil and fragrance component in cosmetic and personal-care formulations, subject to appropriate finished-product safety assessment.

Storage

Store tightly closed in a cool, dry place away from heat and direct sunlight.

Shelf Life

36 months under appropriate storage conditions.