

TECHNICAL DATA SHEET (TDS)

LITSEA CUBEBA OIL (May Chang Oil)

1. PRODUCT IDENTIFICATION & OVERVIEW

Product Name	Litsea Cubeba Oil (May Chang Oil)
INCI Name	Litsea Cubeba Fruit Oil
Origin	China / Vietnam
CAS Number	68855-99-2 / 90063-59-5
EINECS No.	290-018-7
Description	100% Pure and Natural essential oil obtained by steam distillation of fresh fruits of Litsea cubeba.

2. TECHNICAL & SENSORY PROPERTIES

Appearance & Color	Clear, mobile liquid; Light yellow to intense yellow
Odor Profile	Intense, crisp, sweet lemon-like citrus scent with subtle fruity notes
Main Active Component	Citral (68.0% – 80.0%), Limonene (8.0% – 15.0%)
Density (20°C)	0.880 – 0.892 g/cm ³
Refractive Index (20°C)	1.480 – 1.490
Optical Rotation (20°C)	+2.0° to +12.0°

3. APPLICATIONS & RECOMMENDED USES

Fragrance & Cosmetics	Widely used as an economical source of natural Citral, and in perfumes, soaps, deodorants, and skin lotions.
Flavor Industry	Utilized to impart fresh citrus notes in beverages, confectionery, and baked goods.
Aromatherapy & Wellness	Popularly used for its calming yet uplifting citrus scent, helping to relieve stress and mental fatigue.
Recommended Dosage	Cosmetics & Fine Fragrances: 0.1% – 1.0%; Flavors: As per quantum satis standards.

4. STORAGE, PACKAGING & HANDLING

Packaging Options	1 kg and 5 kg aluminium containers; 25 kg HDPE containers., 200 kg Galvanized Steel Drums, ISO Tank Containers
Storage Conditions	Store in well-sealed, full containers in a cool, dry, dark area away from heat and direct sunlight.
Shelf Life	36 months when stored properly in unopened original containers.
Safety & Handling	High Citral content may cause skin sensitization. Wear protective gloves and safety glasses during handling.

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