

TECHNICAL DATA SHEET (TDS)
VIETNAMESE SWEET BASIL OIL (Methyl Chavicol Type)
Ocimum Basilicum Oil

1. PRODUCT IDENTIFICATION & OVERVIEW

Product Name	Sweet Basil Oil (Methyl Chavicol Type)
INCI Name	Ocimum Basilicum (Basil) Oil
Country of Origin	Vietnam
CAS Number	8015-73-4 / 84775-71-3
EINECS No.	283-900-8
Description	100% Pure and Natural essential oil obtained by steam distillation of fresh leaves and flowering tops of Ocimum basilicum grown in Vietnam, specifically high in Methyl Chavicol.

2. TECHNICAL & SENSORY PROPERTIES

Appearance & Color	Clear, mobile liquid; Pale yellow to light amber
Odor Profile	Sweet, intense spicy-herbal aroma with a dominant anise/licorice top note
Main Active Component	Methyl Chavicol / Estragole (75.0% – 88.0%)
Density (20°C)	0.940 – 0.970 g/cm ³
Refractive Index (20°C)	1.505 – 1.525
Optical Rotation (20°C)	-2.0° to +2.0°

3. APPLICATIONS & RECOMMENDED USES

Fragrance & Perfumery	Highly valued in fine fragrances and body care products for adding a sweet, spicy anise-like top note.
Flavor Industry	Used in savory flavorings, marinades, sauces, and Asian-style culinary extracts.
Aromatherapy & Wellness	Known for its uplifting, stimulating properties that help clear mental fog and ease nervous tension.

Recommended Dosage	Cosmetics & Fine Fragrances: 0.1% – 0.5%; Flavorings: As per regulatory limits (IFRA / FEMA guidelines).
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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	24 months when stored properly in unopened original containers.
Safety & Handling	Contains high levels of Methyl Chavicol. Handle with care, wear protective equipment, and adhere to IFRA concentration limits for leave-on products.

Disclaimer: *The information provided in this document is correct to the best of our knowledge, information, and belief at the date of its publication. It is provided as a general specification for quality control and handling purposes only.*