



PT. SEPAKAT MULTI NIAGA

Jalan Lintas Krueng Mane-Sawang, No.01, Mane Tunong, Aceh Utara, Indonesia

Hotline: (+62) 811 684 2202

www.smnindonesia.com

TECHNICAL DATA SHEET (TDS)

Pure Patchouli Oil (*Pogostemon cablin*) - Origin Aceh, Sumatra, Indonesia

Section 1: Identification of the Substance/Company

- **Product Name** : Patchouli Oil (*Pogostemon cablin*)
- **Synonyms** : Nilam Oil, Patchouli Essential Oil
- **INCI Name** : Pogostemon Cablin Oil
- **CAS Number** : 8014-09-3
- **EINECS Number** : 282-493-4
- **Country of Origin** : Indonesia (Aceh)
- **Part Used** : Dried Leaves
- **Extraction Method** : Steam Distillation
- **Processing Type** : 100% Natural, Single Distillation
- **Recommended Use** : Fragrance ingredient in perfumery, cosmetics, aromatherapy.
- **Company Identification**
 - Company Name** : **PT. Sepakat Multi Niaga**
 - Address** : Jalan Lintas Kr. Mane-Sawang No.01, Muara Batu, Aceh Utara
 - Hotline** : +62 811 684 2202
 - Emergency Phone** : +62 811 684 2202
 - Email** : cs@smnindonesia.com
 - Website** : www.smnindonesia.com



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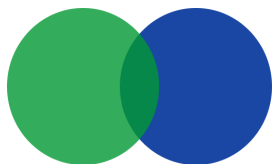
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1. Physical & Chemical Properties

Parameter	Specification	Method
Appearance	Clear to pale yellow or brownish liquid	Visual
Odor	Characteristic, rich, earthy, woody, and sweet	Organoleptic
Specific Gravity (25°C)	0.950 – 0.975	ASTM D4052
Refractive Index (20°C)	1.505 – 1.515	ASTM D1218
Optical Rotation (25°C)	-48° to -65°	ASTM D789
Solubility	Insoluble in water, soluble in alcohol & oils	-
Flash Point	> 100°C	ASTM D93
Acid Value	≤ 8.0 mg KOH/g	ISO 660

2. Chemical Composition (Typical GC Analysis)

Component	Typical Range (%)
Patchouli Alcohol	30 – 38
α-Bulnesene	10 – 18
α-Guaiene	8 – 14
Seychellene	2 – 6
Norpatchoulenol	1 – 3
Pogostol	1 – 3



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3. Shelf Life & Storage

- **Shelf Life:** 24 months from the date of production when stored properly.
- **Storage Conditions:** Store in a tightly sealed, full container away from direct sunlight, heat, and moisture, at a cool and dry place (15–25°C).

4. Packaging

Standard Packaging: 1 kg, 5 kg, 10 kg, 25 kg, or 180 kg (GI drum or aluminum drum)

Customized packaging available upon request.

5. Safety Information

- **Hazard Classification:** Not classified as hazardous under normal handling conditions.
- **Handling:** Avoid contact with eyes and prolonged skin exposure.
- **Safety Data:** Refer to MSDS for detailed safety and handling information.

6. Quality Guarantee

This Patchouli Oil is 100% pure and natural, obtained exclusively from *Pogostemon cablin* cultivated in **Aceh, Indonesia**, without any synthetic additives or diluents.