



## Lemongrass Fragrance Oil for Shampoo and Soap Making with High-Surfactant Stability, IFRA Compliance, and 36 Months Shelf Life

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: Plant
- Certification: COA,MSDS,IFRA,CE,ISO
- Model Number: LDZ-PL20397
- Minimum Order Quantity: 1KGS/To Be Negotiated
- Price: 1-49 Kilograms \$20.00, To Be Negotiated
- Packaging Details: Carton Drum Packing :5kgs/drum,4 Drum/carton,20kgs/carton(41\*28\*33.5cm);Iron Drum Packing: 25 Kg/drum (D: 30cm, H: 45cm)(0.032cbm)
- Delivery Time: 3-5 Working Days For Trial Order; 5-10 Working Days For OEM Order
- Payment Terms: L/C,T/T,Western Union,MoneyGram
- Supply Ability: 2000 Kilogram/Kilograms Per Day



### Product Specification

- Relative Density: 0.880 To 0.910 G/cm<sup>3</sup> @ 25°C
- Flash Point: Approx. 71°C (160°F)
- Refractive Index: 1.480 To 1.495 (at 20°C)
- Phthalate-Free: Yes
- Shelf Life: 36 Months
- Solubility: Soluble In Surfactant-based Systems



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### Shampoo Fragrance Oil Lemongrass Fragrance For Shampoo and Soap Making/Production - Free Sample, High-Surfactant Stability

Product Code: LDZ-PL20397

Lemongrass fragrance oil is a quintessential choice for professional personal care formulations, offering a sophisticated olfactory profile that balances high-impact citrus notes with deep, botanical undertones. Characterized by a potent concentration of citral, this fragrance delivers an immediate, invigorating top note that signals cleanliness and freshness. In the context of soap production—particularly cold process—this oil is prized for its exceptional stability; it resists the harsh alkaline environment of saponification, ensuring that the finished bar retains a robust aromatic presence throughout its shelf life without significant fading or discoloration. For shampoo manufacturing, the oil demonstrates superior versatility and clarity. It integrates seamlessly into surfactant systems without compromising viscosity or foaming performance, making it ideal for both clarifying and volumizing hair care lines. Beyond its functional merits, lemongrass possesses a unique "spa-quality" appeal, bridging the gap between medicinal utility and luxury aromatherapy. Its earthy, herbaceous dry-down provides a complexity that synthetic alternatives lack, appealing to a broad demographic of gender-neutral consumers. When utilized within IFRA-compliant guidelines, it offers a safe, purifying experience that enhances the brand's narrative of natural energy and revitalization. This fragrance remains a reliable industry standard for producers seeking a crisp, professional-grade finish that resonates with health-conscious markets.



### Fragrance Profile & Characteristics

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T o p N o t e s	The fragrance opens with an effervescent burst of fresh citral and zesty lemon peel. These volatile notes provide the immediate "clean" impact essential for shampoos and soaps, delivering an instant sensation of energy and purification.
M i d d l e N o t e s	As the initial zest softens, the heart reveals crisp lemongrass stalks and green herbal accords. This middle layer provides the fragrance with its "botanical" body, offering a sophisticated grassy sweetness that bridges the gap between the sharp opening and the deeper finish.
B a s e N o t e s	The dry-down is anchored by subtle earthy undertones and faint balsamic hints. These heavier molecules provide the necessary tenacity, ensuring the scent clings to the skin and hair after rinsing. This grounded base prevents the fragrance from being purely ethereal, lending a professional, spa-like depth to the final product.



## Technical Specifications

This oil is characterized by a high flash point, which ensures safer handling during the heating phases of production and minimizes "scent burn-off" in hot-process applications. The relative density and refractive index are key metrics for quality control, ensuring batch-to-batch consistency in clarity and potency. When used within recommended rates, it provides a robust scent throw without compromising the structural integrity of the soap bar or the viscosity of the shampoo base.

Product Name	Lemongrass Fragrance Oil
Fragrance Profile	Floral-Fruity-Woody aroma
Appearance	Clear, colorless to pale yellow liquid
Relative Density	0.880 to 0.910 g/cm <sup>3</sup> @ 25°C
Flash Point	Approx. 71°C (160°F)
Refractive Index (RI)	1.480 to 1.495 (at 20°C)
Phthalate-Free	Yes
Shelf Life	36 Months (Store away from light)
IFRA Compliance	Adheres to IFRA standards
Solubility	Soluble in surfactant-based systems

## Recommended Usage Rates

Application	Usage Rate
Cold Process Soap	3% - 5%
Melt & Pour Soap	2% - 3%
Shampoo & Body Wash	0.5% - 1.5%
Body Lotion & Creams	0.5% - 1.5%
Soy & Paraffin Candles	6% - 10%



## Functions and Applications

### Professional Functions:

In professional manufacturing, lemongrass fragrance oil serves a dual purpose: it acts as a powerful sensory stimulant and a functional deodorizer. Its primary function is to provide an immediate "olfactory impact," utilizing high concentrations of citral to signal cleanliness and hygiene to the consumer. Beyond mere scenting, it functions as a highly effective neutralizing agent, capable of masking the base odors of raw soap fats or the chemical scent of surfactant blends in shampoos.

Furthermore, it plays a critical role in aromatherapeutic formulation. It is psychologically associated with mental clarity and revitalization, functioning as an "energy-boosting" component in morning-routine products. From a technical standpoint, the oil is engineered for aromatic tenacity, ensuring the fragrance survives the saponification process in soaps and remains stable in aqueous shampoo solutions without causing cloudiness or separation, thereby maintaining the aesthetic integrity of the final product.

### Applications:

The versatility of lemongrass fragrance oil makes it a staple across several high-demand product lines. In Soap Production, it is exceptionally popular for cold-process, hot-process, and melt-and-pour methods. Its stability ensures that the vibrant, citrus-herbal profile persists through long curing periods, making it ideal for "clarifying" or "exfoliating" body bars targeted at active, health-conscious demographics.

In Hair Care Applications, it is a preferred choice for clarifying shampoos and scalp-invigorating conditioners. It integrates seamlessly into liquid formulations, providing a refreshing shower experience that appeals to all genders. Beyond basic cleansing, it is frequently utilized in Spa and Salon-Grade collections, including body washes, liquid hand soaps, and bath salts. Its "botanical" identity allows brands to position products within the "natural" or "wellness" market segments, serving as a signature scent for lines focused on detoxification, renewal, and premium aromatherapy treatments.

## Packaging Options

Pack Type	QTY	Specification	Volume
Plastic Bottle	5kgs	L41*W28*H33.5cm (5kg*4 bottle per carton)	0.038cbm
Metal Barrel	25kgs	D30*H45cm	0.032cbm
Jerry Can	20-25kgs	L29.5*D29.5*H41cm	0.33cbm

Production begins immediately after payment (3-5 days for trial orders, 5-10 days for bulk orders). We provide photos or samples for confirmation before shipping via ship, air, truck, or express according to customer requirements.

# Packaging & Logistics

>> Welcome to plant fragrance <<<<





## Support & Services

- Product usage instructions and guidance
- Expert advice on fragrance selection
- Technical support for any issues or concerns
- Product customization services
- Assistance with regulatory compliance
- OEM support for custom scents



## Our Advantages



# 100% STRENGTH BRAND

Our products are strictly approved by a list of certifications, such as ISO22000, COA, MSDS, SGS, ISO9001, ISO22000, HACCP, IFRA, SPEC



applications



BEDROOM



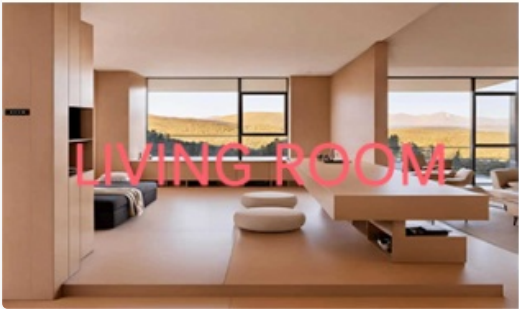
Coffee House



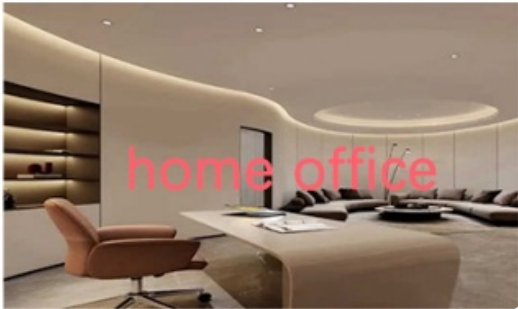
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LIVING ROOM



home office

# applications



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