



Candle Making Fragrances Chocolate Flavor Essence For Hot Process Scented Candles Productions/Making

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Plant
- Certification: COA,MSDS,IFRA,CE,ISO
- Model Number: LDZ-PL40148
- 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

- Highlight: chocolate candle fragrance essence, hot process candle fragrance, scented candle making fragrance



More Images



for more products please visit us on fragrances-oil.com

Product Description

Candle Making Fragrances Chocolate Flavor Essence For Hot Process Scented Candles Productions/Making

Product Code: LDZ-PL40148

Product Overview:

Chocolate Flavor Essence Fragrance Oil is a professional-grade, ultra-rich aromatic compound masterfully formulated for high-performance scented candle manufacturing, specifically optimized for the intense thermal demands of hot process production.

Designed to deliver an authentic, gourmet olfactory experience, this fragrance opens with top notes of bitter cocoa powder and warm roasted cacao nibs. The heart reveals a smooth, indulgent body of creamy milk chocolate and melted ganache, anchored by a deep, luxurious base of sweet vanilla bean, dark brown sugar, and a subtle touch of espresso. This heavy base gives the fragrance incredible depth, preventing it from smelling overly synthetic or cloying.

From a technical perspective, chocolate accords are notoriously difficult to stabilize due to their dense molecular weights, but this essence boasts exceptional thermodynamic resilience. It resists flashing off or scorching when introduced to molten wax at professional blending temperatures, typically between 80°C and 85°C.

The formulation ensures flawless integration into paraffin, soy, and coconut wax matrices without disrupting the curing process or causing discoloration. It delivers a rich, irresistible cold throw on shelves and a powerful, room-filling hot throw that perfectly captures the comforting ambiance of an upscale chocolaterie.



PLAN









Fragrance Profile

The olfactive architecture of this Chocolate Flavor Essence is an indulgent, multi-layered composition meticulously engineered to replicate the comforting, authentic aroma of an artisanal confectionery within premium candle formulations.

Top Notes	The sensory journey begins with the Top Notes, which deliver an immediate, rich impression of bitter Dutch cocoa powder and warm, freshly roasted cacao nibs. This initial layer provides a bold, sophisticated introduction that commands attention without being overly sweet.
Middle Notes (Heart)	As the volatile top notes settle, the fragrance transitions into its decadent Middle Notes (or heart). This layer unveils a smooth, velvety body of creamy milk chocolate, warm fudge, and melted hazelnut ganache. This indulgent heart provides the fragrance with its comforting, mouth-watering core identity.
Base Notes	Finally, the scent anchors into its deep, enduring Base Notes. A luxurious foundation of sweet Madagascar vanilla bean, dark brown sugar, and a subtle undertone of dark espresso bean provides incredible longevity. This heavy base ensures clean combustion, driving a powerful, room-filling throw that lingers beautifully throughout the candle's burn.







Technical Specifications

Fragrance Profile	Chocolate Flavor Essence Oil
Appearance	Clear to pale yellow liquid
Relative Density	1.010 to 1.055 g/cm ³ @ 25°C
Refractive Index	1.510 - 1.545@ 20°C
Flash Point	>93°C (200°F)
Ingredients	Natural & Synthetic Aromatic Compounds
Phthalate-Free	Meets modern "clean scent" standards for luxury retail

Recommended Dosage

Application	Dosage
Standard Scented Candles	6% – 9% (approx. 1 oz per pound of wax).
Room Spray	2% – 7%
Wax Melts / Tarts	9% – 12% (Higher loads are permissible as there is no wick/flame interaction).
Soap Applications (CP/HP)	3% – 5% (Check IFRA Category 9 for safety limits).
Soap (Cold Process)	0.5% - 2%

Performance Characteristics

Thermal Diffusion	Excellent - Fills 20-30 square meters in 3-5 minutes after lighting
Thermal Stability	Engineered to resist degradation at standard candle-pouring temperatures (65°C - 80°C)
Cold Throw	Excellent - Noticeable aroma when unburned
Hot Throw	Excellent - Strong and steady aroma spread while burning
Wax Compatibility	Excellent - Blends seamlessly with soy wax, beeswax, coconut wax, paraffin wax, and blends
Solubility	100% oil-soluble; prevents sweating or oil pooling on candle surface
Shelf Life	24 months when stored in cool, dark place
IFRA Compliance	Complies with IFRA standards and passed skin irritation testing



Functions & Applications:

The primary function of Chocolate Flavor Essence Fragrance Oil is to serve as a highly stable, decadent gourmand delivery agent engineered to overcome the dense chemical matrices of professional candle waxes. Gourmand fragrances naturally contain heavy molecular compounds, such as vanillin, which can alter curing behavior.

This essence is structurally stabilized to maintain thermodynamic resilience, ensuring its complex layers do not scorch, degrade, or mutate when exposed to elevated hot process manufacturing temperatures. On a structural level, the oil functions as an even dispersant within the molten wax, blending uniformly to prevent issues like oil bleeding, heavy pocketing, or wick clogging during solidification.

Operationally, it fulfills a dual-phase sensory mandate. It establishes a comforting, highly authentic cold throw that triggers immediate consumer emotional connection at retail, followed by a robust, wide-reaching hot throw upon burning. Furthermore, it effectively neutralizes the raw, industrial base notes of vegetable or paraffin waxes, replacing them with a seamless, indulgent, and premium confectionery atmosphere that enhances perceived brand value.

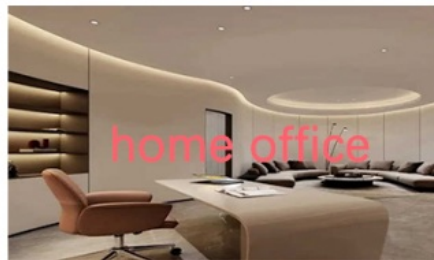
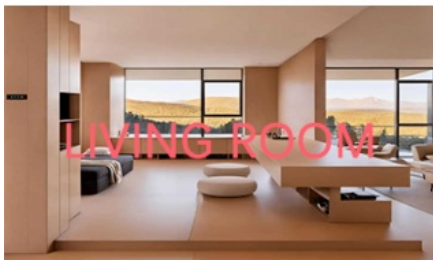
Primary Applications:

This industrial-grade fragrance oil is explicitly optimized for hot process scented candle manufacturing, proving highly compatible with paraffin, soy, coconut, palm, and container-grade beeswax formulations. It is an exceptional choice for luxury home fragrance lines, autumn and winter seasonal collections, and specialized cafe-themed aromatherapy displays.

Because of its high flash point and clean-burning properties, it integrates flawlessly into container candles, pillars, tea lights, and high-intensity wax melts. Beyond traditional poured wax, its excellent bonding capabilities make it ideal for cold-application dipping or spraying onto decorative botanical embeds and unheated wax coatings.

Furthermore, its versatile solubility profile allows for cross-platform expansion into a broader home fragrance ecosystem. Manufacturers can seamlessly adapt this essence into alcohol-free room mists, electric plug-in refills, and oil-based reed diffusers. Because it blends cleanly with standard dodecanol or isoparaffinic carrier solvents without separating or clouding, brands can confidently offer a cohesive, matching chocolate-themed sensory experience across their entire product portfolio.

applications



applications



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



Support & Services

Our R&D team includes PhDs and senior engineers with university partnerships, integrating global technology for continuous innovation. We assist customers in improving product aroma, quality structure, and reducing production costs with tailored solutions.

Comprehensive Support Includes:

- 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
- Training and education on fragrance formulation

Packaging & Shipping

Product Packaging

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

Shipping Information: Production begins immediately after payment. Lead times: 3-5 days for trial orders, 5-10 days for bulk orders. We provide photo confirmation or bulk samples before shipping via ship, air, truck, or express according to client requirements.

Packaging & Logistics

>> Welcome to plant fragrance <<<





 **Guangzhou plant fragrance Co., Ltd**

 +86-13924190039  plan@662n.com  fragrances-oil.com

No. 1, Keyuan Road, Baiyun District, Guangzhou, Guangdong, 510540, China