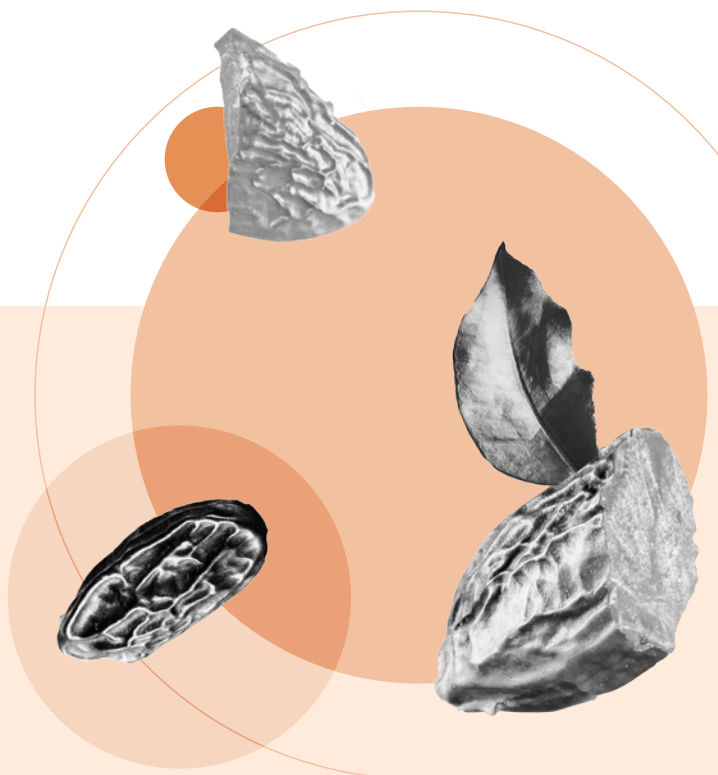


Octalactone Delta

TETRAHYDRO-6-PROPYL-2H-PYRAN-2-ONE



Olfactive Description

Olfactive Family

Fruity

FRUITY, MILKY, POWDERY, HAY, COCONUT

Octalactone Delta offers a charming and multi-faceted olfactive profile, blending fruity sweetness with creamy, milky richness and a soft, powdery elegance. Its rustic hay-like undertones add an earthy warmth, beautifully balanced by the tropical allure of coconut. This unique combination creates an inviting and comforting profile that feels both natural and exotic, making it a standout ingredient in both flavor and fragrance applications.

USAGE RECOMMENDATIONS

Octalactone Delta excels in creating exotic flavor compositions, particularly in coconut and tropical fruit profiles, where its creamy and fruity qualities shine. In perfumery, it is an excellent choice for enhancing floral and coconut accords, lending a soft, velvety texture with a touch of tropical indulgence. Its versatile nature allows it to seamlessly enrich compositions, adding depth and a unique character to both flavor and fragrance creations.

DOSAGE RECOMMENDATIONS

In flavor applications, the dosage can be up to: 20 ppm

In fragrance applications, the dosage can be up to: 5%

Product Data

Product No.	20944
Empirical Formula	C ₈ H ₁₄ O ₂
Molecular Weight	142.20 g/mol
CAS	698-76-0
EC	211-820-5
Flavis	10.015
JECFA	228
FEMA	3214
Reach	Yes
Usage	Flavor & Fragrance
Natural occurence	Yes
Kosher Status	Certified
Halal Status	Suitable
Product Type	Synthetic

Properties



Readily Biodegradable



Nature-Identical



Food Grade



Vegan

Note Impact

Top Note	○○○○	High
Heart Note	○○○○	Medium
Base Note	○○○○	Medium

Tenacity on blotter



Ten
days

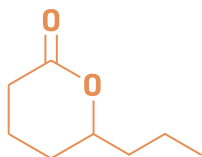
Performance

○○○○	Moderate	Fabric Softener Detergent Powder
○○○○	Poor	Fine Fragrances Shampoo Cream Soap

Stability

○○○○	Good	Fine Fragrances Shampoo Cream Soap Fabric Softener Detergent Powder
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Chemical Structure



Disclaimer – The information contained in ACS International product documentation is believed to be accurate to the best of our knowledge. ACS International reserves the right to discontinue or add ingredients to its portfolio or change product specifications without prior notice.

Technical Data

Appearance	Colorless to pale yellow clear liquid.
Purity	> 99.0 % (sum of isomers)
Refractive index	1.4520 - 1.4580 (20°C)
Density	0.9980 - 1.0020 kg/L (20°)
Acid Value	< 3.0 mg KOH/g
Optical rotation	Not applicable.
Flash point	> 100 °C
Stabilizer	None.
Melting point	Not specified.



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