

Decalactone delta

6-PENTYLTETRAHYDRO-2H-PYRAN-2-ONE



Olfactive Description

Olfactive Family

Fruity

FRUITY, COCONUT, PEACH, HERBAL.

Decalactone Delta invites you into a tropical paradise with its delightful blend of fruity sweetness, exotic coconut, peach, and herbal undertones. Decalactone Delta offers a sensorial experience that is both tropical and invigorating, capturing the essence of a sun-kissed getaway with a touch of herbal freshness.

USAGE RECOMMENDATIONS

Decalactone Delta is excellent for all creamy, milky and coconut flavors. The product also lends its notes to peach, mango and other fruity flavors. In perfumery, Decalactone Delta can be used for its tropical notes in household and personal care products or even in fine fragrances.

DOSAGE RECOMMENDATIONS

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

In fragrance applications, the dosage can be up to: 8%

Product Data

Product No.	20941
Empirical Formula	$C_{10}H_{18}O_2$
Molecular Weight	170.25 g/mol
CAS	705-86-2
EC	211-889-1
Flavis	10.007
JECFA	232
FEMA	2361
REACH	Yes
Usage	Flavor & Fragrance
Natural occurrence	Yes
Kosher Status	Certified
Halal Status	Suitable
Product Type	Synthetic

Properties



Food Grade



Nature-Identical



Readily Biodegradable



Vegan

Note Impact

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

Tenacity on blotter



Ten
days

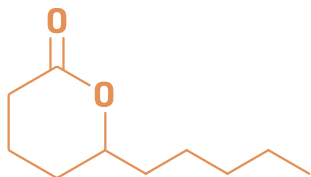
Performance

○○○○	Good	Fine Fragrances Shampoo Cream Soap Fabric Softener Detergent Powder
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Stability

○○○○	Very Good	Fine Fragrances Shampoo
○○○○	Good	Cream Soap Fabric Softener Detergent Powder

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	Clear colorless to pale yellow liquid.
Purity	> 99.0% (sum of isomers)
Refractive index	1.4560 - 1.4590 (20 °C)
Density	0.9620 - 0.9800 (20 °C/20 °C)
Acid Value	< 5.0 mg KOH/g
Optical rotation	Not applicable.
Flash point	85.2 °C
Stabilizer	None.
Melting point	Not specified.



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