

Decalactone epsilon

7-BUTYLOXEPAN-2-ONE



Olfactive Description

Olfactive Family

Spicy

SPICY, HERBAL, CELERY, FENUGREEK.

USAGE RECOMMENDATIONS

This spicy material can be used in milk, chocolate and coffee aromas.

In perfumery, it goes very well with herbal, fresh notes. Decalactone epsilon harmonizes well in accords with basil or citrus notes.

DOSAGE RECOMMENDATIONS

For Flavour up to 10 ppm in finished consumer products.
In Fragrance compositions up to 3%.

Product Data

Product No.	20086
Empirical Formula	$C_{10}H_{18}O_2$
Molecular Weight	170.25 g/mol
CAS	5579-78-2
EC	226-963-9
FLAVIS	10.029
FEMA	3613
JECFA	241
REACH	Exempt
Usage	Flavour & Fragrance
Natural occurrence	None
Kosher Status	Certified
Halal Status	Suitable

Properties



Food Grade	Yes
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Natural Status	Synthetic
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Note Impact

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

Tenacity on blotter

Two Weeks

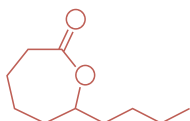
Performance

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

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

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	>98.0%
Refractive index	1.4580 - 1.4630 (20°C)
Density	0.9700 - 0.9800 (25°C/25°C)
Acid Value	< 3.0 mg KOH/g
Optical rotation	Not applicable.
Flash point	> 100 °C
Stabilizer	None
Melting point	Not specified.



Creativity Beyond Chemistry™

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