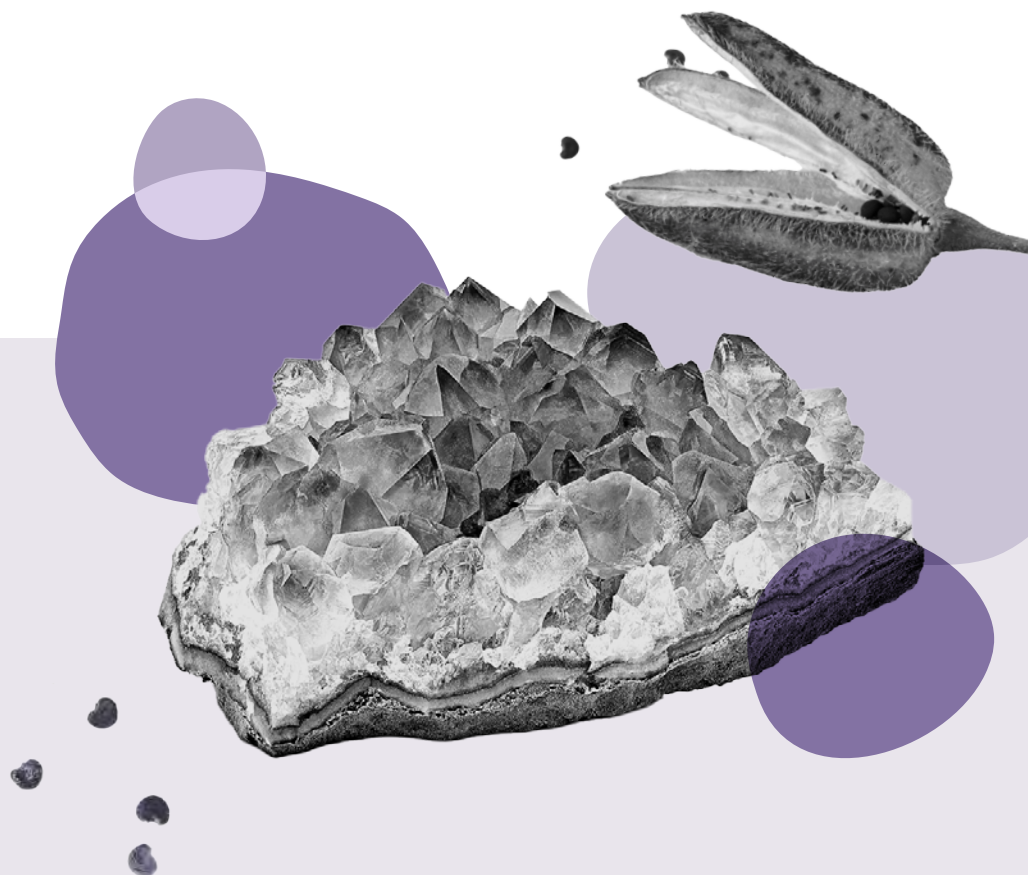


# Ambrettolide HC

OXACYCLOHEPTADEC-10-EN-2-ONE



## Olfactive Description

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### Olfactive Family

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# Musk

MUSK (AMBRETTE SEEDS OIL), FLORAL, CLEAN, WHITE, SOFT, POWDERY, WARM, SLIGHTLY SOAPY.

### USAGE RECOMMENDATIONS

*Ambrettolide HC was crafted with personal and home care applications in mind. This novel, high-impact ingredient has a powerful, musky, and cosmetic character. Using Ambrettolide HC results in a more natural and less synthetic scent in personal and home care products.*

*Used at the same level as other Musks, Ambrettolide HC is clearly more sophisticated and elegant. When aiming to substitute Ambrettolide (trans) in an existing personal and home care application, a good start is to use half of Ambrettolide HC's quantity. In shampoo notes, Ambrettolide HC can push floral notes without reducing the freshness of the scent.*

### DOSAGE RECOMMENDATIONS

The dosage in perfumery varies from traces up to 20 %.

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## Product Data

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<b>Product No.</b>	20910
<b>Empirical Formula</b>	$C_{16}H_{28}O_2$
<b>Molecular Weight</b>	252.39 g/mol
<b>CAS</b>	28645-51-4
<b>EC</b>	249-120-7
<b>FLAVIS</b>	10.063
<b>FEMA</b>	4145
<b>JECFA</b>	1991
<b>REACH</b>	Yes
<b>Usage</b>	Fragrance
<b>Natural occurrence</b>	Not found yet
<b>Kosher Status</b>	Certified
<b>Halal Status</b>	Suitable

## Properties

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	<b>Food Grade</b>	No
	<b>Renewable carbon</b>	100 %
	<b>Product Type</b>	Synthetic (produced via Biotechnology)
	<b>Biodegradability</b>	Readily

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## Note Impact

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**Top Note** ○○○○ High

**Heart Note** ○○○○ High

**Base Note** ○○○○ High

## Tenacity on blotter

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**Three Months**

## Performance

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○○○○ **Excellent** Fine Fragrances

○○○○ **Very good** Shampoo  
Cream  
Soap  
Fabric Softener

○○○○ **Good** Powder Detergent

## Stability

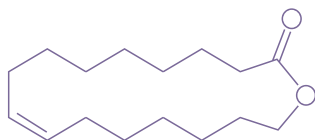
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○○○○ **Very good** Fine Fragrances  
Shampoo  
Cream  
Soap  
Fabric Softener

○○○○ **Good** Powder Detergent

## Chemical Structure

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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.

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## Technical Data

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<b>Appearance</b>	Colorless to pale yellow clear viscous liquid.
<b>Purity</b>	> 90.0 % (cis-isomer GC)
<b>Refractive index</b>	1.4770 - 1.4860 (20 °C)
<b>Density</b>	0.9520 - 0.9700 kg/L (20 °C)
<b>Acid Value</b>	Not specified.
<b>Optical rotation</b>	Not applicable.
<b>Flash point</b>	> 100 °C
<b>Stabilizer</b>	None.
<b>Melting point</b>	Not specified.



# *Creativity Beyond Chemistry™*

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