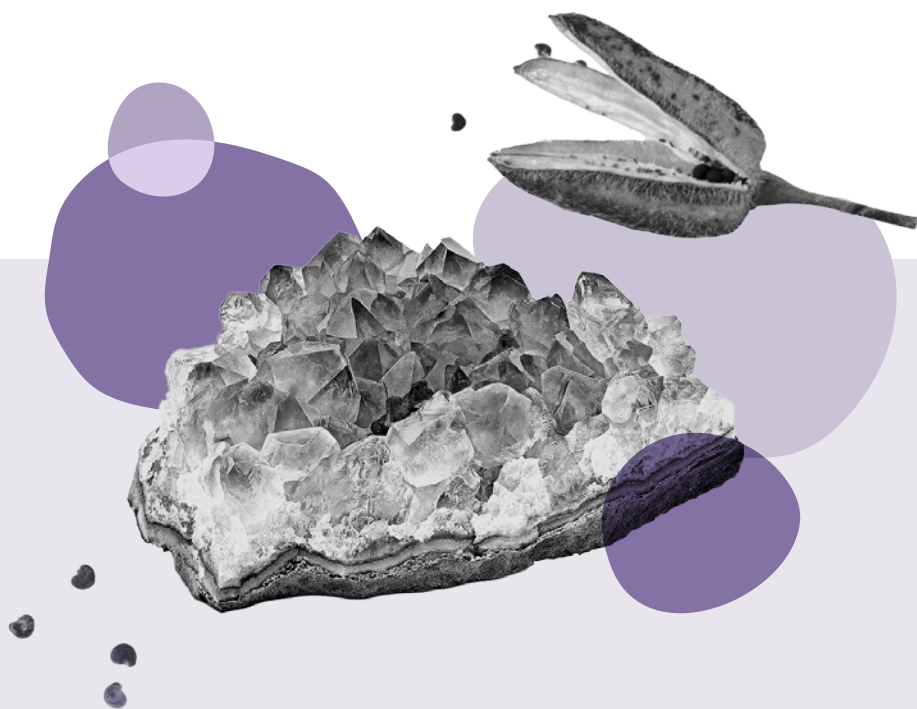


Ambrettolide HC

OXACYCLOHEPTADEC-10-EN-2-ONE



Olfactive Description

Olfactive Family

Musk

AMBRETTE SEEDS OIL, CLEAN, BLOSSOM,
POWDERY, SOAPY, SOFT, WARM, WHITE.

This novel and high-impact ingredient possesses a powerful, multifaceted profile, combining elements of muskiness, cleanliness, and floral notes. Ambrettolide HC evokes the rich musky essence found in Ambrette seed oil but offers a more pronounced „Ambrette“ effect compared to the traditional Ambrettolide (trans). Ambrettolide HCs powdery quality is enhancing the product's remarkable radiance.

USAGE RECOMMENDATIONS

Ambrettolide HC was crafted with personal and home care applications in mind. 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 HCs quantity. In shampoo notes, Ambrettolide HC can push floral notes without reducing the freshness of the scent. Using Ambrettolide HC results in a more natural and less synthetic scent in personal and home care products.

DOSAGE RECOMMENDATIONS

In fragrance applications, the dosage can be up to: 20%

Product Data

Product No.	20910
Empirical Formula	C ₁₆ H ₂₈ O ₂
Molecular Weight	252.39 g/mol
CAS	28645-51-4
EC	249-120-7
FLAVIS	10.063
FEMA	4145
JECFA	1991
REACH	Yes
Usage	Fragrance
Natural occurrence	Not found yet.
Kosher Status	Certified
Halal Status	Suitable
Product Type	Synthetic

Properties



100% Renewable Carbon



Vegan



Readily Biodegradable



Produced via Biotech

Note Impact

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

Tenacity on blotter



Three
months

Performance

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

Stability

○ ○ ○ ○	Very good	Fine Fragrances Shampoo Cream Soap Fabric Softener
○ ○ ○ ○	Good	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	Colorless to pale yellow clear viscous liquid.
Purity	> 90%
Refractive index	1.4770 - 1.4860 (20 °C)
Density	0.9520 - 0.9700 g/cm ³ (20 °C)
Acid Value	Not specified.
Optical rotation	Not specified.
Flash point	> 100 °C
Stabilizer	None
Melting point	Not specified.



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