



CAS No. 68680-98-8

Chiraroma®

/-Dihydro Citronellol

FLORAL ROSY WAXY CITRUS

Floral

100% Biobased

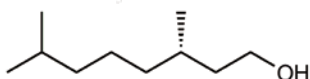
Readily

ISO 16128

Nature Identical

CHEMICAL STRUCTURE

(S)-3,7-Dimethyloctan-1-ol

 $C_{10}H_{22}O$

SYNONYM

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APPLICATION INFORMATION

Used in rose, white floral, and citrus perfume applications. Gives a clear, fresh and natural rosy note to fragrances.

OCCURRENCE IN NATURE

Found in Juniperus phoenicea extracts, wild onion trees, Achyrocline satureioides essential oils and tomato juice.

STABILITY

Fine Fragrance	-	GOOD
Fabric Softener	pH 3	GOOD
Antiperspirants	pH 3.5	GOOD
Toiletry Applications	pH 6	GOOD
Liquid Detergent	pH 9	GOOD
Soaps	pH 10	GOOD
Powder Detergent	pH 11	GOOD
Bleach	pH 14	GOOD

SUBSTANTIVITY

Skin	GOOD
Dry Fabric	FAIR
Wet Fabric	GOOD
Hair	GOOD

TENACITY ON BLOTTER

>24 HOURS	00 DAYS	00 WEEKS
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BLOOM DIFFUSIVITY

VERY DIFFUSIVE

TYPICAL USE LEVEL

0.5% to 10%

TECHNICAL DATA

Flash Point °C	112°C
GC	98% min. as Dihydro Citronellol
CAS No.	68680-98-8, 106-21-8
FEMA / GRAS No.	2391
CLogP	3.64

Optical Rotation	-4.8° to -3.8°
Appearance	Colorless clear liquid
Molecular Weight	158.29
Vapor Pressure	4.740Pa at 25°C