I-DIHYDRO CITRONELLOL

FLORAL, ROSY, WAXY, CITRUS

BIOBASED 100%

APPLICATION INFORMATION

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

CHEMICAL STRUCTURE

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

Chemical formula - C₁₀H₂₂O₂

SYNONYM

-

TENACITY ON BLOTTER

> 24 HOURS 00 DAYS 00 WEEKS

BLOOM DIFFUSIVITY

POOR FAIR GOOD VERY

TYPICAL USE LEVEL

0.5% 1% 2% 3% 4% 5% 10% 15% 20% 30%

STABILITY

- Hypochlorite bleach
- Perborate Powder Detergent
- Liquid Detergent
- Concentrated Fabric Softeners
- Soaps
- Alcoholic fine fragrances
- Toiletry Applications
- Antiperspirants

SUBSTANTIVITY

- Skin
- Dry Fabric
- Wet Fabric
- Hair

Flash Point °C 112 °C
- [α]D²⁰ minimum -4.8° to -3.8°
- GC 98% min. as Dihydro Citronellol
- Appearance Colorless clear liquid
- CAS No. 68680-98-8 / 106-21-8
- M.W. 158.29
- FEMA / GRAS No. 2391
- Food Grade Cert. YES
- CLogP 3.64
- Vapor Pressure 4.740 Pa at 25°C

Compendium

Chiraroma®

ODOR TYPE - FLORAL

OCCURRENCE IN NATURE

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

TOTAL PHYSICAL PROPERTIES

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