

Citropol F[®]

Citropol[®] F is a fragrance fixative and carrier. Citropol F has a light odor and can solubilize and present a wide variety of essential oils and fragrance ingredients. Fragrance solutions with Citropol F have the benefit of having an immediate and strong initial impression, as well as a controlled release of volatile ingredients over an extended period of time. Citropol F provides hydrolytic stability while being 100% biorenewable, biodegradable, and biocompatible. Citropol F is a high-performing fragrance fixative that adheres to Clean Beauty standards and provides renewability and long-lasting benefits.

INCI: Polycitronellol

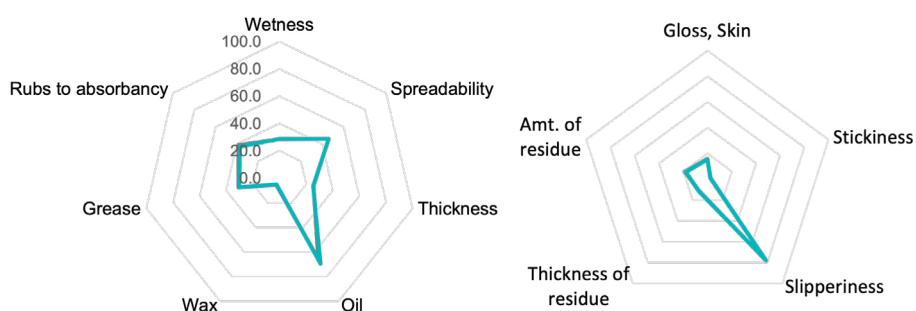


Renewability & Biodegradability

Citropol[®] F is sustainably manufactured from naturally-derived feedstocks. It is made to meet the highest standards of the cosmetics and personal care industries. The raw material terpenes are Forest Stewardship Council (FSC) certified pine, and are upcycled via side-stream turpentine from the paper making process.

Citropol[®] F is inherently biodegradable according to the OECD 301B biodegradability test.

Sensory Profile



Representative Properties

Appearance	Clear liquid
Odor	Slight fresh
Color	Straw
Viscosity (mPa·s @ 25°C)	260 - 400
Refractive Index @ 20°C	1.4 - 1.5
Surface Tension (mN/m)	27 - 33
Density (g/mL)	0.850 - 0.950
Boiling Point (°C)	> 200
Solubility	Soluble in alcohols and oils
Bio-Based (%)	100%
Color APHA (Hazen)	≤ 50



Did You Know?

Citropol[®] is made by a clean, mild, and high yielding conversion process called **Process Intensified Continuous Etherification (PICE[™])**.



About Citropol F



Typically Citropol F can improve the odor longevity of a consumer product from ~30 minutes to ~5 hours.

ZHOR PARFUMS Musk Therapy



Customer Example 1

For eau de toilette (EDT), in general we see customers load 15% essential oil/fragrance oil.

2% Citropol F is usually enough but some customers will choose to load more Citropol F. Then, the EDT is usually diluted to 100% using ethanol.

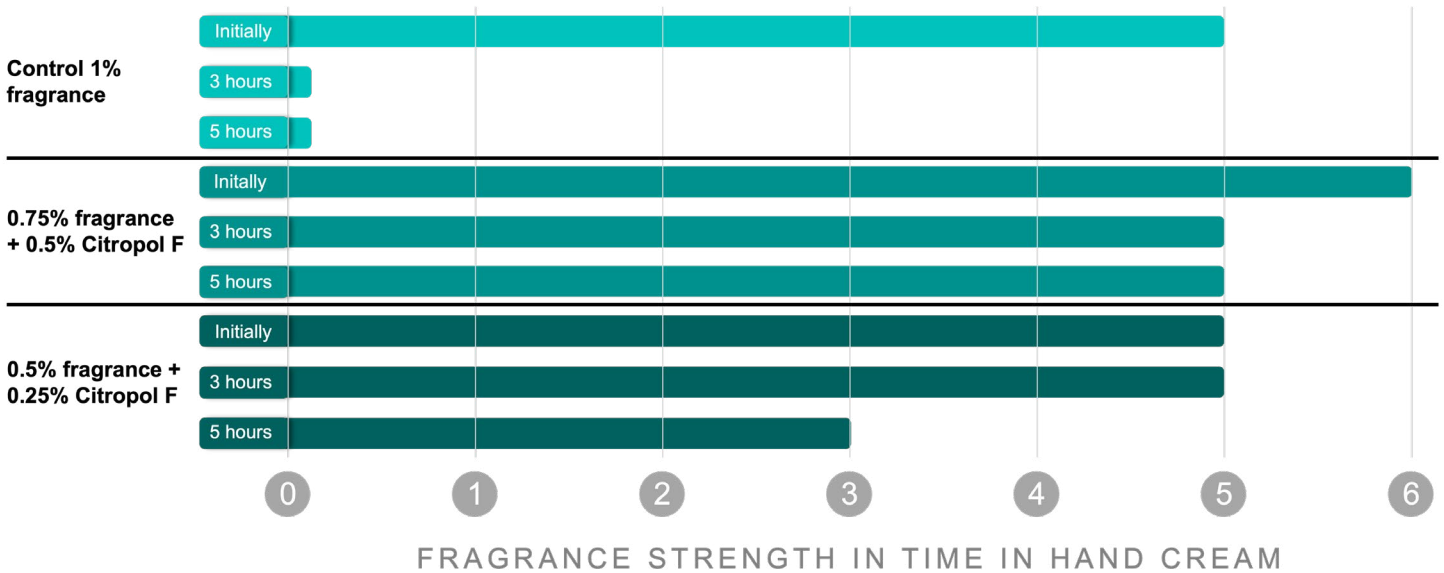
august

Anti-Frizz Shampoo



Customer Example 2

For a product such as a moisturizer cream, deodorant, or hair conditioner, 0.8% Citropol F is mixed with 1% essential oil/fragrance oil, and then added to the unscented base cream. Same for rinse-off applications as well.



Our Commitment to Sustainability

Place an order, make an impact.

All customers who place an order will be asked to select which organization we support on behalf of your company.



One Tree Planted - A non-profit organization focused on global reforestation.



4Ocean - Recover one or more pounds of trash from the world's oceans, rivers, and coastlines.

**For more information and samples,
please contact:**

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