UpSyCal® BA17

UpSyCal® BA17 branched hydrocarbon oil is manufactured in North America and is comprised of upcycled carbon sourced from nonedible biomass feedstock and a renewable castor oil source.

This squalane-like structured product line can be viewed as an alternative to silicone compounds, petroleum-derived hydrocarbons and esters—allowing the formulation of more sustainable, stable, and label-friendly cosmetic products with all the aesthetics, safety, and performance consumers demand. BA17 is compliant with clean beauty standards including Walmart, Target, Sephora, and Ulta[1].

INCI Name	Pentyldodecane
CAS #	193072-77-4
EC#	188-359-0

Appearance	Nonviscous, clear, colorless liquid
Color Index	0
Flash Point, °C	115
Boiling Point, °C	345
Viscosity (20 °C), cSt	5.79 - 6.10
Viscosity (40 °C), cSt	3.42
Refractive Index	1.4383
Shelf Life	3 Years

Target Applications

Skin Care **Color Cosmetics** **Hair Care**

HRIPT Test: Non-primary irritant, non-primary sensitizer, hypoallergenic
Natural derived index 0.90 (ISO 16128)

[1] The Good Face Project

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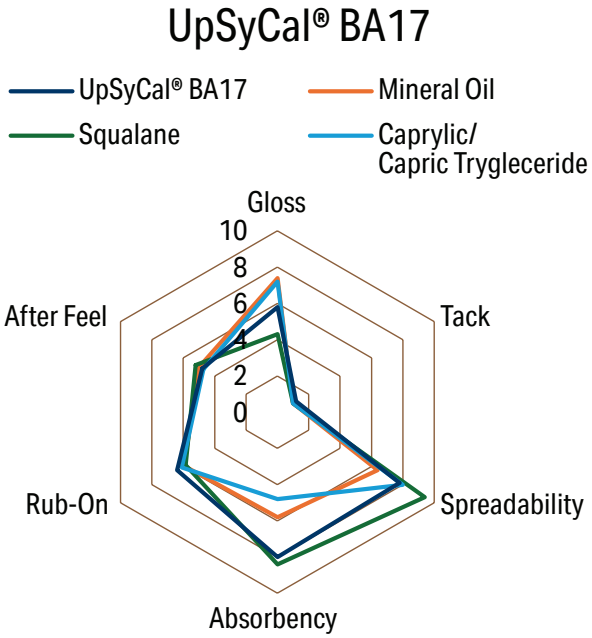
Formulation Advantages

- Cold-processed, minimum mixing energy, fast
- Nongreasy after-feel
- No extended high-shear mixing necessary
- Pigment wettability
- Compatible aesthetic profile



Featured Formulation

- Face Renew Serum

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