

WILSILK Smooth

Plant-Based, Biodegradable Silicone Alternative
 Light and Smooth like Cyclomethicone

CYCLOMETHICONE (D5) ALTERNATIVE

WILSILK Smooth is a biodegradable, plant-derived alternative to Cyclomethicone (D5), delivering **comparable volatility, spreadability, and a smooth, elegant skin feel.**

NOBEL PRIZE GREEN TECHNOLOGY

Made of volatile hydrocarbons uniquely **derived from plant oils**, WILSILK Smooth is created through **Metathesis**, our patented Nobel Prize-winning technology.

WILSILK SMOOTH SENSORY COMPARISON*

Offering volatility and spreadability **similar to D5**, WILSILK Smooth is a **lightweight** emollient offering a **soft, and smooth afterfeel**, making it particularly well-suited for hair care, styling products, skincare, and deodorant sprays.



*Based on a sensory panel of 16 people

INCI NAME

Dodecane

FEATURES



READILY BIODEGRADABLE



PLANT-BASED



NATURAL ORIGIN INDEX 0.75
 ISO 16128



HALAL & KOSHER



FAST SPREADING
 1672 mm²



COLOURLESS CLEAR & ODOUR FREE



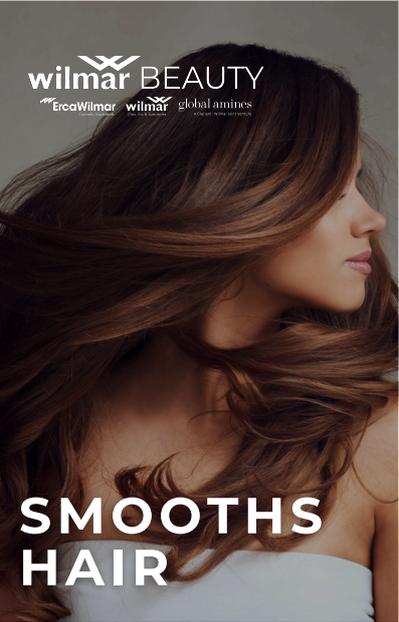
VOLATILE



LOW VISCOSITY
 11 cP at 20°C



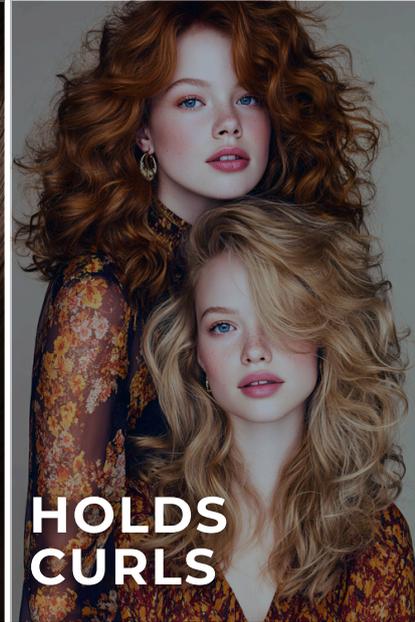
COSMETIC COMPLIANT
 EU REACH and China IECIC



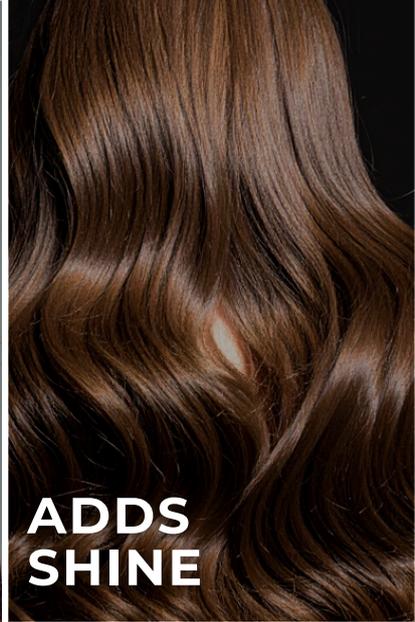
**SMOOTHS
HAIR**



**TAMES
FRIZZ**



**HOLDS
CURLS**

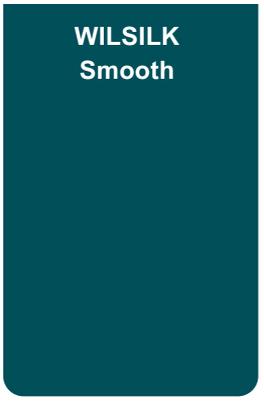
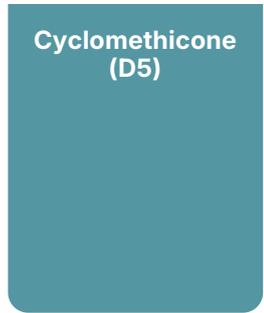


**ADDS
SHINE**

**BETTER CONDITIONING
AND COMBING EASE**

Enriched with softening and nourishing benefits, **WILSILK Smooth** delivers superior hair conditioning and detangling compared to Cyclomethicone.

From curly to damaged hair, **WILSILK Smooth** outperforms D5 in curl definition, frizz taming, and sleek hold, both before and after blow dry.



Dry combing on dry Caucasian hair tresses 4 hours after product application, using a Dia-Stron Combing Machine

HOLDS CURLS, TAMES FRIZZ FOR ALL HAIR TYPES



Comparison between D5 and WILSILK in hair oil, on curly and damaged hair, applied prior blow dry

Light as a Feather

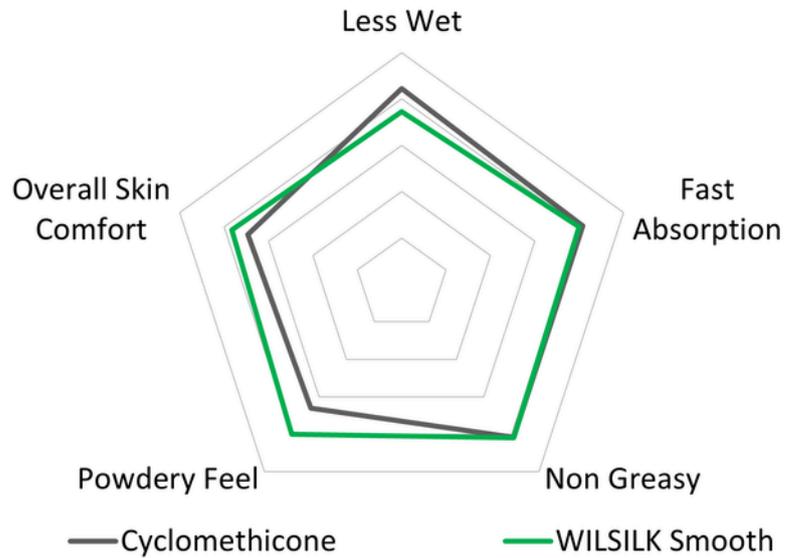
With WILSILK Smooth, enjoy a feather-light feel like D5, with an added touch of care.



As an emollient oil, **WILSILK Smooth** delivers a layer of care **without tack or grease**. Its **excellent spreadability** and **volatility** help prolong active ingredients, enhancing the overall sensory experience and afterfeel.

In deodorant sprays, WILSILK Smooth extends the desirable powdery, dry feel, **outperforming** an equivalent **D5** formulation.

Sensory Comparison in Deoderany Spray



Sensory comparison of WILSILK Smooth vs D5 in equivalent deodorant spray formulation

HIGH DISPERSAL FOR SKINCARE AND MAKE UP



With excellent dispersing ability for pigments and titanium dioxide, WILSILK Smooth ensures even coverage and delivers an ideal soft, skin-smoothing feel.

-  Moisturizer, Butter, Cream
-  Deodorant Spray
-  Hair Oil, Mask, Conditioner
-  Dry Shampoo
-  Makeup
-  Sunscreen

FORMULATION BAR

Hair Oil

BOTANICAL SLEEK

A silicone-free, vegan botanical hair oil that gives all day shine, softness, sleekness, and curl definition, thanks to WILSILK SMOOTH and ERCAREL DIC V.

FRIZZ CONTROL	★★★★★
SOFTNESS	★★★★★
CURL DEFINITION	★★★★★
SHINE	★★★★

INGREDIENTS

A.	
WILSILK SMOOTH <i>Dodecane</i>	91
Alcohol	5
ERCAREL DIC V MB <i>Dicaprylyl Carbonate</i>	2
WILMAR Camelia Oil	1
Argan Oil	1

BEAUTY RECIPE

Combine all ingredients in a beaker, stir till consistent, using a spatula.

For samples and inquiries, contact:
OleoMarketing@wilmar.com.sg



Appearance:

Clear, colourless oil

FEATURED PRODUCTS

WILSILK SMOOTH

Dodecane

Bio-based alternative to cyclomethicone, made from natural plant oils.

ERCAREL DIC V MB

Dicaprylyl Carbonate

Vegan, biodegradable emollient, with high spreading and light feel.

WILMAR Camelia Oil

Moisturising, antioxidative emollient, derived from seeds of luxurious Camelia flowers. Used in moisturizers and hair products.