

WILSILK CS110 OIL THICKENER

PLANT-BASED, PEG-FREE

multifunctional polymer that naturally thickens oil



BIODEGRADABLE



PLANT-BASED



VEGAN & HALAL



PEG-FREE



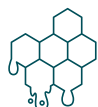
**NATURAL ORIGIN
INDEX 1**

ISO 16128

INCI NAME

Hydrogenated Soy
Polyglycerides (and)
C15-23 Alkanes

FEATURES



LOW MELTING

118-140°F | 47-60°C



**OFF-WHITE TO
BEIGE COLOUR**



BUILDS VISCOSITY

In Oil-Based Formula



COMPATIBLE

*With Natural and
Mineral Oils*

NATURALLY THICKENS OILS

100% plant-based, **WILSILK CS 110** is a versatile, biodegradable oil thickener, PEG and synthetic-free.

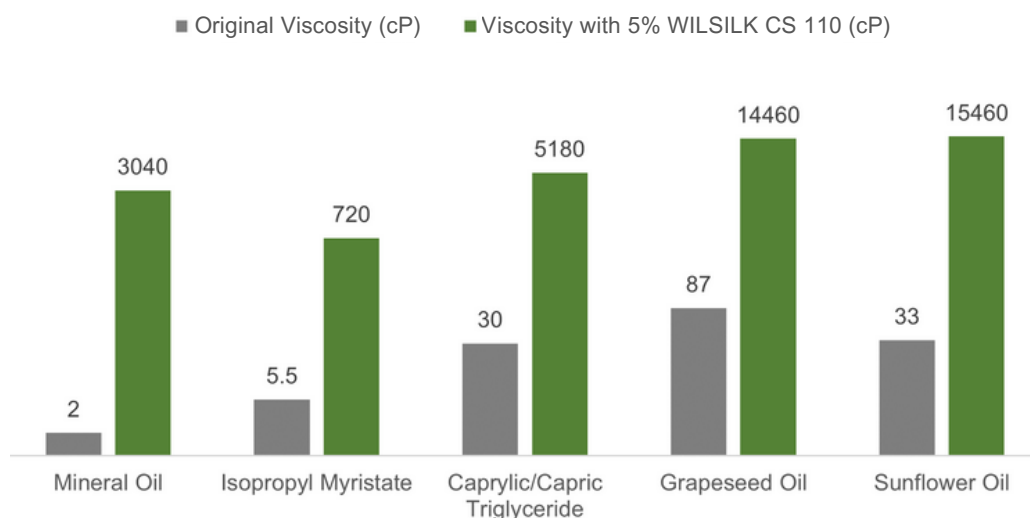
GREEN TECHNOLOGY

Our sustainable oil thickener is made with metathesis, a **Nobel Prize winning technology** that creates plant-based multi-functional polymers for personal care applications.

ACHIEVE MORE WITH PLANTS

Even in small dosage, WILSILK CS 110 powerfully thickens a wide variety of plant, mineral, and ester oils. With just 5%, it can increase viscosity of sunflower oil by **468 fold**.

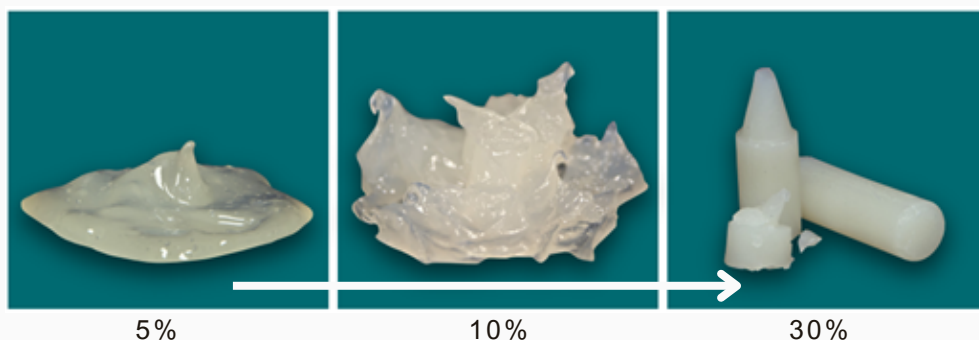
**Oil Viscosity
with 5% of WILSILK CS-110**



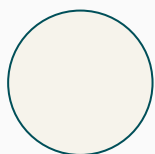
IT'S BETTER WITH PLANTS

With WILSILK CS 110, achieve higher thickening efficiency when used with plant oils

As an oil thickener, **WILSILK CS 110** outperforms synthetic polymers and natural waxes in performance and flexibility.



Thickening Effects When Increasing Dosage in Sunflower Oil



LIGHT COLOR,
100% NATURAL



LESS DOSAGE,
MORE POWER

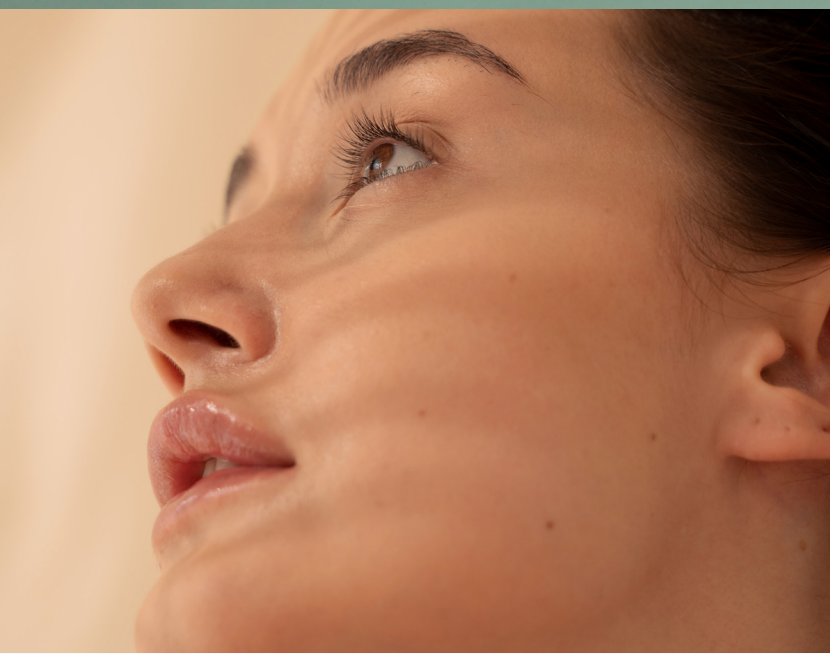


LIGHT, NON WAXY



COMPATIBLE WITH
ESTERS & NATURAL OILS

PLANT OILS FOR DEWY SKIN



From lip oils to cleansing balms, oil-based products, made with plant oils, are increasingly popular.

Add WILSILK CS 110 for a range of oil-based beauty formulations:

-  Cleansing Oils, Balms
-  Moisturizers, Butters, Creams
-  Lipsticks, Lip balms
-  Deodorant
-  Hair Pomade, Masks, Conditioners

FORMULATION BAR

Lipbalm

REPAIRING LIP BUTTER

A lip butter that glides on luxuriously with all day hydration. All natural, smooth, non-waxy, and consistent in colour, thanks to **WILSILK CS 110** and **WILFARESTER MCT**.

MOISTURE	★ ★ ★ ★ ★
ECO	★ ★ ★ ★ ★
COMFORT	★ ★ ★ ★ ★
SHINE	★ ★ ★ ★

INGREDIENTS

A.	
WILSILK CS-110N <i>Hydrogenated Soy Polyglycerides (and) C15-23 Alkane</i>	25
WILFARESTER MCT <i>Caprylic/Capric Triglyceride</i>	32
WILSILK ULTRA <i>C9-12 alkane (and) C15-19 alkane</i>	3
Sweet Almond Oil	20
Beeswax	10
WILCARE 100 <i>Shea Butter</i>	10

BEAUTY RECIPE

1 Heat all ingredients in a beaker, let it melt and stir using a spatula.

2 Pour mixture into desired mould.

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



Appearance: Off-white solid

Stability: 50°C (1 month), 40°C (3 months), RTP

FEATURED PRODUCTS

WILSILK CS-110N

Hydrogenated Soy Polyglycerides (and) C15-23 Alkanes

Polymer that provides oil-phase thickening and film-former functionality.

WILFARESTER MCT

Caprylic/Capric Triglyceride

Hydrating, multi-purpose emollient for depilatory, skin moisturizers and bath additives. Also used in body, hand, sun and baby care rinse-off & leave-on formulations.

WILSILK ULTRA

C9-12 alkane (and) C15-19 alkane

Bio-based alternative to silicone, made from natural oils.

WILMAR

Shea Butter

Anti-inflammatory emollient, used in moisturizers and hair leave on products.

FORMULATION BAR

Perfume

BLOOMING FRAGRANCE BALM

Indulge in your favourite scent, for a moment of peace on the go.

Formulated with **WILFARESTER MCT**, this perfume stick delivers lasting fragrance with feather light after feel, thanks to **WILSILK ULTRA** and **WILSILK CS 110**.

- LIGHTNESS ★ ★ ★ ★ ★
- EASE ★ ★ ★ ★ ★
- AFTER FEEL ★ ★ ★ ★ ★

INGREDIENTS

A.	
WILFARESTER MCT <i>Caprylic/Capric Triglyceride</i>	q.s
WILSILK ULTRA <i>C9-12 alkane (and) C15-19 alkane</i>	6.0
WILSILK CS 110 <i>Hydrogenated Soy Polyglycerides (and) C15-23 Alkane</i>	20.0
ERCAREL PGDD V <i>Propylene Glycol Dicaprylate / Dicaprate</i>	10.0
Fragrance	20.0
Rice Bran Oil	15.0
ERCAMULS LF 65 V/FD <i>Glyceryl Stearate and Peg-100 Stearate</i>	3.0
Rice Bran Wax	10.0

BEAUTY RECIPE

- 1.Heat Part A in a beaker, let it melt and stir using a spatula.
- 2.Pour mixture into desired mould.



FEATURED PRODUCTS

- WILSILK CS-110**
Hydrogenated Soy Polyglycerides (and) C15-23 Alkanes
Polymer that provides oil-phase thickening and film-former functionality.
- WILFARESTER MCT**
Caprylic/Capric Triglyceride
Hydrating, multi-purpose emollient for depilatory, skin moisturizers and bath additives. Also used in body, hand, sun and baby care rinse-off & leave-on formulations.
- WILSILK ULTRA**
C9-12 alkane (and) C15-19 alkane
Bio-based alternative to silicone, made from natural oils.

FORMULATION BAR

Hair Mask

NOURISH REPAIR
RECONSTRUCTIVE HAIR MASK

XX

LIGHTNESS ★ ★ ★ ★ ★

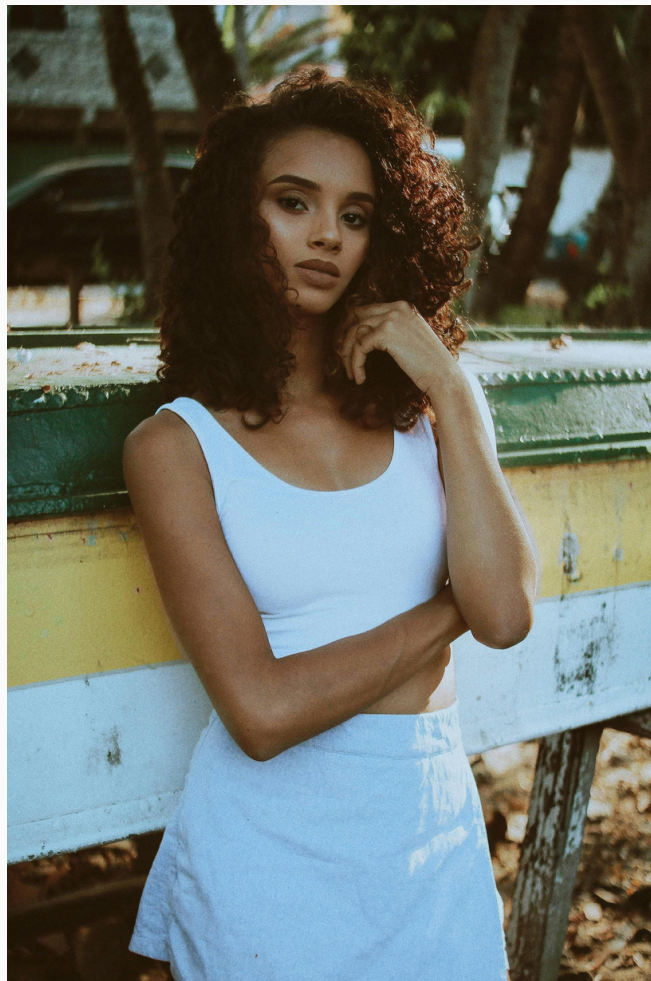
SOFTNESS ★ ★ ★ ★ ★

AFTER FEEL ★ ★ ★ ★ ★

INGREDIENTS

A.	
Deionised Water	q.s.
WILFARIN USP-997 Glycerin	3
B.	
WILSILK CS 110 Hydrogenated Soy Polyglycerides (and) C15-23 Alkane	0.5
WILFAROL 1618 Cetearyl Alcohol	6.0
GENAMIN KDMP Behentrimonium Chloride	3.0
ERCAMULS LF 65 V F/D Glyceryl Stearate (and) PEG-100 Stearate	1.0
GENAMIN BTMS Behentrimonium Chloride	1.0
WILSILK SLEEK Isoamyl Laurate	1
WILMAR Camelia Oil	0.5
Preservative	q.s.
Fragrance	0.3

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



BEAUTY RECIPE

1. Mix Part A ingredients one by one, heat Part A under stirring.
2. Heat Part B, add part B into part A when both reach 80°C.
3. Stir till mixture cools down to room temperature.

FEATURED PRODUCTS

WILSILK CS-110 Hydrogenated Soy Polyglycerides (and) C15-23 Alkanes

Polymer that provides oil-phase thickening and film-former functionality.

WILSILK SLEEK Isoamyl Laurate

A plant-based, biodegradable amodimethicone replacer that gives smoothness and sleekness to hair conditioning products.



*Sustainable Beauty,
From Multi-Plant Origins*