

WILSILK CS-110

Plant-Based, PEG-Free

Multifunctional Polymer that Naturally Thickens Oil

NATURALLY THICKENS OILS

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

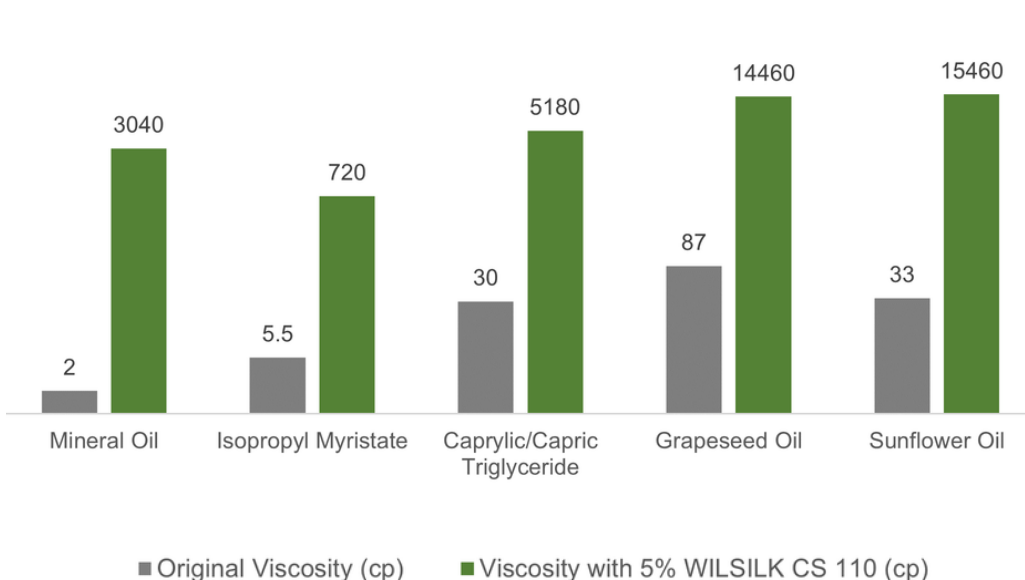
GREEN TECHNOLOGY

Our sustainable polymer is made with metathesis, a **Nobel Prize winning technology** that creates plant-based multifunctional 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**



INCI NAME

Hydrogenated Soy Polyglycerides (and) C15-23 Alkanes

FEATURES



BIODEGRADABLE



PLANT-BASED



**NATURAL ORIGIN
INDEX 1**
ISO 16128



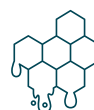
**HALAL, KOSHER &
VEGAN**



PEG-FREE



**OFF-WHITE TO
BEIGE COLOUR**



LOW MELTING
118-140°F | 47-60°C



BUILDS VISCOSITY
In Oil-Based Formula



COMPATIBLE
With Natural and
Mineral Oils

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.

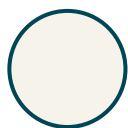


Thickening Effects When Increasing Dosage in Sunflower Oil.

5%

10%

30%



Light Colour,
100% Natural



Compatible with
Esters & Natural Oils



Light,
Non Waxy



Less Dosage,
More Power

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-110 <i>Hydrogenated Soy Polyglycerides (and) C15-23 Alkane</i>	25
WILFARESTER MCT <i>Caprylic/Capric Triglyceride</i>	32
WILSILK ULTRA <i>Dodecane (and) Pentadecane (and) Octadecane</i>	3
Sweet Almond Oil	20
Beeswax	10
WILSHEA Prime <i>Butyrospermum Parkii (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-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

Dodecane (and) Pentadecane (and) Octadecane

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

WILSHEA Prime

Butyrospermum Parkii (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>	up to 100
ERCAREL PGDD V <i>Propylene Glycol Dicaprylate / Dicaprate</i>	15.0
Fragrance	20.0
WILSILK CS-110 <i>Hydrogenated Soy Polyglycerides (and) C15-23 Alkane</i>	20.0
ERCAMULS LF 65 V/FD <i>Glyceryl Stearate and Peg-100 Stearate</i>	3.0
Candelilla 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.

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



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

Dodecane (and) Pentadecane (and) Octadecane

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