Jojoba Glaze™

Anhydrous Jojoba Gel Matrix

Jojoba Glaze™ HV BF & Jojoba Glaze™ LV

INCI : Simmondsia Chinensis (Jojoba) Seed Oil (and) Ethylene/Propylene/Styrene Copolymer (and) Butylene/ Ethlyene/Styrene Copolymer

CAS #: 61789-91-1, Copolymer Not Available

EC #: Polymer Exempt

Gel Matrix Network with Varying Viscosities

High Gloss, Non-tacky Skin Feel

Substantive Emolliency after Rinsing

Does Not Suppress Foaming

Excellent Oxidative Stability at High Temperatures

Jojoba Glaze™ LV (low viscosity) and Jojoba Glaze™ HV BF (high viscosity) are anhydrous gels composed almost entirely of jojoba oil.

The gelling agents used in Jojoba Glaze™ are combination of two polymers: an ethylene/ propylene/styrene copolymer and a butylene/ethylene/styrene copolymer. Gelling occurs as the styrene portions remain intact. The insoluble styrene blocks combine to form a microscopic network of enclosed oil molecules.

Jojoba Glaze™ is excellent for suspending pigments and particles of glitter and pearlescence. This makes it possible to create a variety of aesthetically pleasing, novel skin and hair care products. The ability to suspend particles like sugar and salt, combined with its substantive emolliency after rinsing, make it an excellent base for shower scrub products. This combination allows for exfoliation with the simultaneous soothing, restorative properties of jojoba oil. Also, jojoba oil and Jojoba Glaze™ do not suppress the foaming of surfactants as other cosmetic esters and triglycerides do. This allows the formulation of foaming salt and sugar scrubs that provide a unique cleansing experience.

Jojoba Glaze™, consisting of over 88% jojoba oil, is a superior emollient, providing gloss and moisturization to skin and hair. Jojoba Glaze™ provides stability and emolliency in the oil base of an emulsion without feeling tacky on the skin. Because it is so substantive, Jojoba Glaze™ is also an ideal ingredient for long-wearing color cosmetics.

Recommended applications

Skin care

Lip Products

Hair Styling & Hair Serums

China IECIC 2015

ISO16128 - NOI 75-100%

VEGAN

Vantage

Jojoba Glaze™

Anhydrous Jojoba Gel Matrix

Typical Properties	Jojoba Glaze™
Appearance	Transparent, Colorless, Viscous Gel
Recommended Use Level	For Structural Characteristics: 50% HV For Suspension: 55-65% HV (particle dependent) For Skin Care Emulsions: 2-5% LV

Clinical Study: Jojoba Glaze™ LV

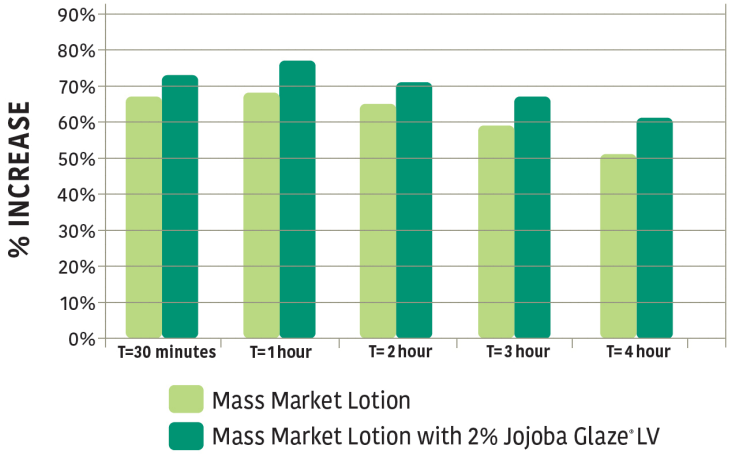
A clinical study with 18 panelists aged 34 to 69 was carried out to evaluate how Jojoba Glaze™ LV would affect hydration and TEWL when post added to a mass market skin care lotion claiming 24 hour moisturization. Hydration on the test sites (legs) was evaluated by Corneometer. It was found that a 2% addition of Jojoba Glaze™ LV to the lotion improved skin hydration by 20% over the mass market lotion when measured 4 hours after application. Additionally, TEWL was measured using a Tewameter and demonstrated a further decrease in TEWL by 46% over the mass market lotion when measured 24 hours after application.

METHOD

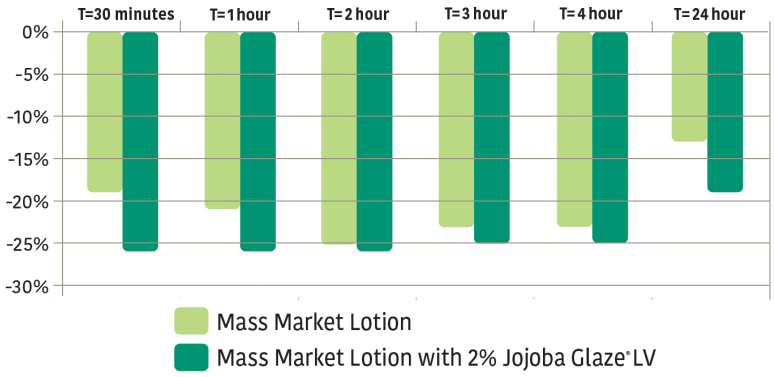
- Number of Panelist: 18
- Age: 34 to 69
- Time Frame: 24hrs
- Test Site: Legs
- Hydration Evaluation: Corneometer

A 2% addition of Jojoba Glaze™ LV boosted hydration of a mass market lotion by 20% after 4 hours.

HYDRATION EVOLUTION



REDUCTION IN TRANSEPIDERMAL WATER LOSS



METHOD

- Number of Panelist: 18
- Age: 34 to 69
- Time Frame: 24hrs
- Test Site: Legs
- Transepidermal Water Loss: Tewameter

A 2% addition of Jojoba Glaze™ LV contributed to a further decrease in TEWL by 46% over the mass market lotion after 24 hours.