

Desert Whale Jojoba Buttercreme™

Multi-functional Cream Base Derived from Nature



PRODUCT: Jojoba Buttercreme™

INCI NAME: Butyrospermum Parkii (Shea) Butter (and) Jojoba Alcohol (and) Potassium Jojobate (and) Simmondsia Chinensis (Jojoba) Butter (and) Propanediol

EINECS #: 273-313-5, 268-107-7, 286-079-4, 289-964-3, 207-997-3

CAS #: 194043-92-0, 68002-95-9, 85186-93-2, 308068-01-1, 90045-98-0, 504-63-2

WHAT IS JOJOBA BUTTERCREME™?

Jojoba Buttercreme™ combines two of nature's greatest inventions – jojoba and shea – to provide formulations with elegant multi-functionality.

Jojoba Buttercreme™ acts as an auxiliary emulsifier and natural neutralizing agent while contributing measurable hydration to a formulation. It is all-natural and Ecocert approved, with corn-derived Propanediol used as a green alternative to glycol.

KEY BENEFITS

- Improves Skin Hydration
- Prevents TEWL
- Provides Emolliency
- Helps Prevent Crystallization of Shea Butter
- Provides Smooth, Creamy Feel
- Secondary Emulsification Properties
- Natural Neutralizing Agent for Carbomer Systems

IDEAL FOR USE

- Lotions, Creams and Treatment Products
- Facial Cleansers
- Bath & Shower Products
- Lip Conditioning Creams
- Hair Treatment Masks
- Shampoos and Conditioners

WHAT DOES JOJOBA BUTTERCREME™ DO?

Jojoba Buttercreme™ imparts a smooth, creamy skin feel to formulations while improving skin hydration and reducing TEWL (trans-epidermal water loss). In addition to its emollient properties, **Jojoba Buttercreme™** has the ability to act as an auxiliary or secondary emulsifier in formulations, while also performing as a natural neutralizing agent for carbomer polymers replacing NaOH, KOH or TEA.

A clinical study with 18 panelists aged 34 to 69 was carried out to evaluate how **Jojoba Buttercreme™** 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 Buttercreme™** to the lotion improved skin hydration by 33% 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.



DESERT WHALE JOJOBA OIL + DERIVATIVES

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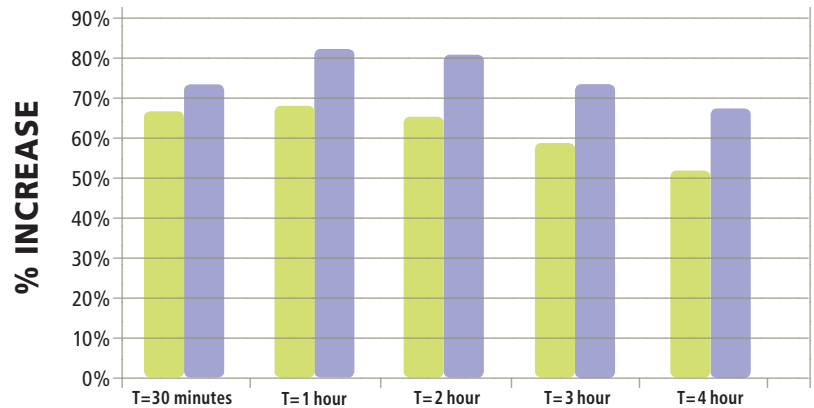


Shea Trees



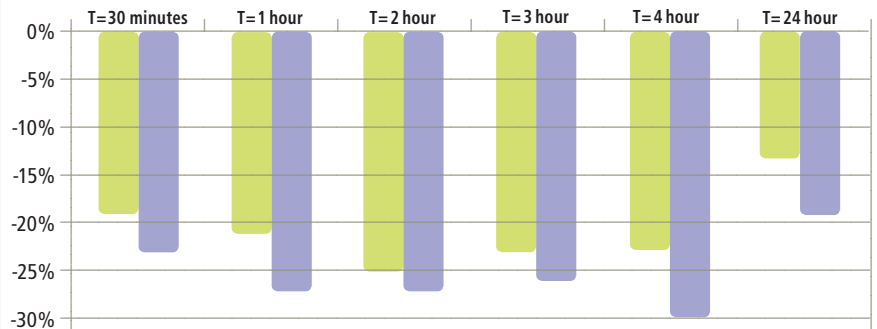
Jojoba Seeds

SKIN HYDRATION % INCREASE OVER UNTREATED



■ Mass Market Lotion
■ Mass Market Lotion with 2% Buttercreme™

REDUCTION IN TRANSEPIDERMAL WATER LOSS



TYPICAL PROPERTIES OF JOJOBA BUTTERCREME™

Appearance: Soft Cream

Odor: Characteristic

Color: Off-white

Recommended Use Level: 1-5%

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