



INCREASED SKIN SMOOTHNESS WITH FLORAESTERS K-20W® JOJOBA IN A BAR SOAP

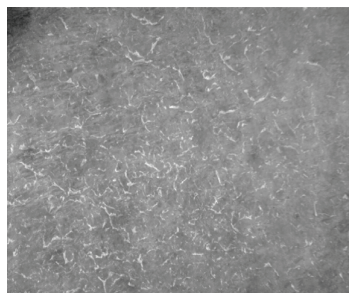
CS 18-113



Floraesters® K-20W Jojoba Increased Skin Smoothness in a Bar Soap



A - vehicle soap + 0.5% K-20W (30 min)



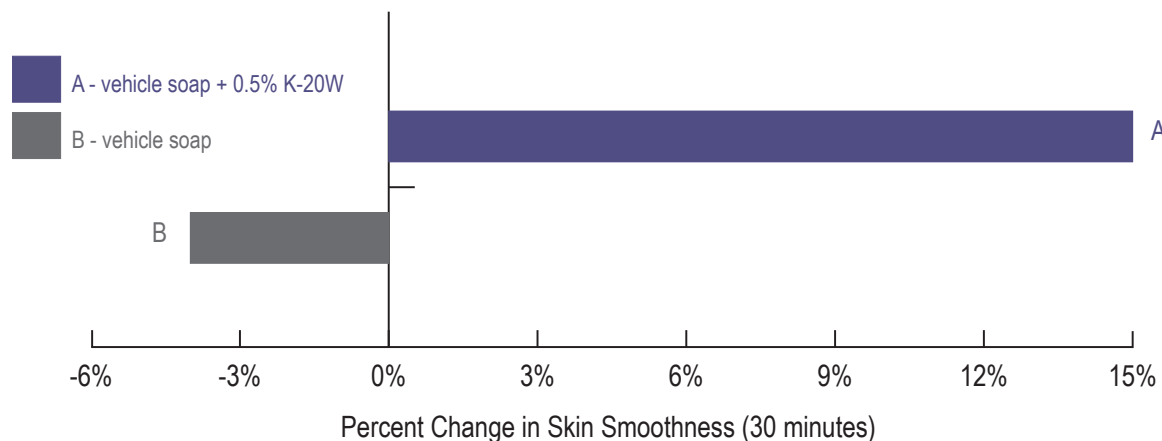
B - vehicle soap (30 min)

In the Visioscan images to the left, note that the soap containing 0.5% Floraesters K-20W Jojoba (top) resulted in skin with less white area (i.e. indicative of dry, rough skin) compared to the soap without (bottom).

A = vehicle soap + 0.5% Floraesters K-20W Jojoba / B = vehicle soap

Vehicle Soap (%wt/wt): Soap Noodles (Sodium Palmate, Sodium Palm Kernelate, Sodium Chloride, Glycerin, Tetrasodium EDTA, and Sodium Etidronate) (78.9%), Corn Starch (8.0%), Talc (8.0%), Glycerin (2.0%), Fragrance (1.5%), Sodium Chloride (0.8%), Titanium Dioxide (0.65%), Tetrasodium EDTA (0.1%), and Butylated Hydroxytoluene (BHT) (0.05%).

Skin Smoothness



Objective:

Evaluate Floraesters K-20W Jojoba within a bar soap to increase skin smoothness after use.

Method:

Using a Visioscan, skin smoothness measurements were taken at baseline and 30 minutes after 1 application of the bar soap to the hands.

Results:

The bar soap containing **0.5% Floraesters K-20W Jojoba increased skin smoothness more than 5 times** as much as the vehicle.

Floratech Ingredient: Floraesters K-20W Jojoba

The clinical study of Floratech® test formulation (CTL_16-074) was conducted on a panel of 25 female subjects, ranging from 20 to 59 years of age (mean age = 45). The duration of the study was 4 days (including the 3 day washout) with 1 application (i.e. wash soiled hands with soap for 30 seconds, rinse for 10 seconds, and pat dry) of each test article made to either hand. The study was double-blind, randomized, and carried out under controlled temperature and humidity conditions. The Visioscan VC 98 is a product of Courage+Khazaka (Köln, Germany). The test article with Floraesters K-20W Jojoba resulted in a statistically significant ($p < 0.05$) increase in skin smoothness both from baseline and as compared to the vehicle 30 minutes post test article application. (Clinical Study 17-074 - Phase II report available upon request.)