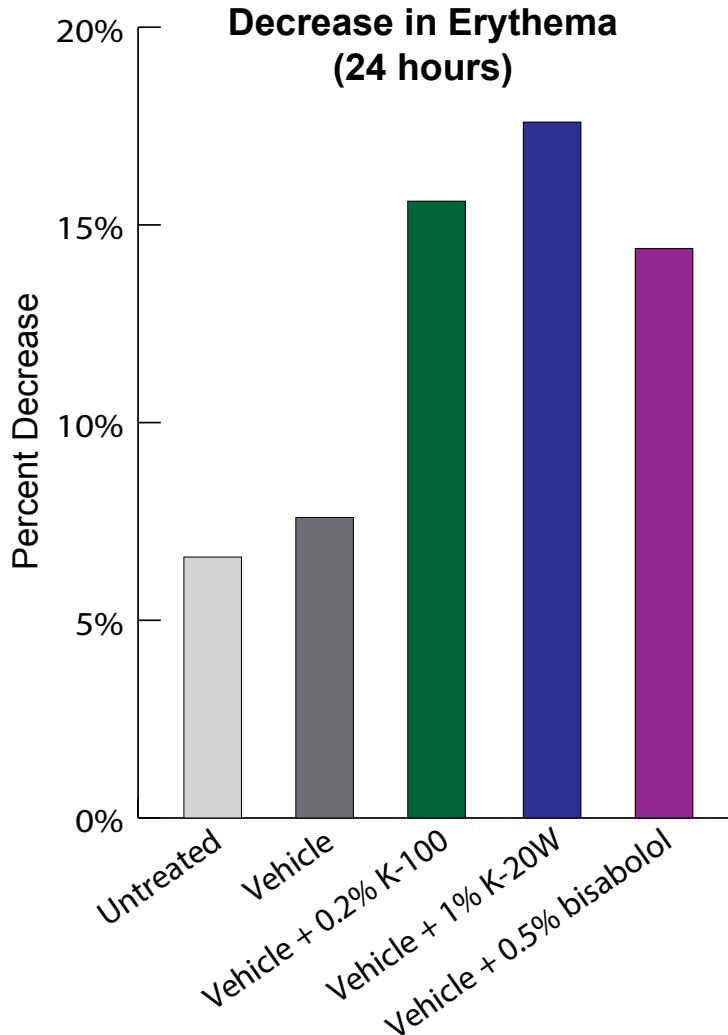




Floraesters K-100 Jojoba and Floraesters K-20W Jojoba in a Nonwoven Baby Wipe Decreases Erythema



A baby wipe containing 0.2% Floraesters K-100 Jojoba or 1% Floraesters K-20W Jojoba decreased erythema (redness) better than the vehicle baby wipe and better than the baby wipe containing 0.5% of the known anti-irritant bisabolol.¹

Baseline (pre-shave, pre test article treatment) Mexameter (erythema) measurements were taken on normal forearms. The forearms were then dry shaved followed by post-shave (30 minutes post-shave, pre test article treatment) measurements. The respective baby wipes were then applied to each test site. Measurements were repeated 4 hours and 24 hours post test article application. An additional baby wipe application was made following the 4 hour measurements.



Peak erythema measurements were obtained at 4 hours. The graph to the left shows the decrease in erythema from the 4 hour measurement to the 24 hour measurement. Floraesters K-20W Jojoba, Floraesters K-100 Jojoba, and bisabolol produced statistically significant ($p < 0.05$) decreases in erythema over the vehicle.

Vehicle (%wt./wt.): water (q.s.), propylene glycol (2.00%), PEG-40 hydrogenated castor oil (1.25%), PPG-26 Buteth-26 (and) PEG-40 hydrogenated castor oil (1.00%), decyl glucoside (0.30%), methylisothiazolinone (0.10%), disodium EDTA (0.05%), and citric acid (q.s.)

Floratech Ingredients: Floraesters K-100 Jojoba and Floraesters K-20W Jojoba

The clinical study of Floratech® test formulation (CTL_11-036) was conducted on a panel of 14 healthy men and women ranging from 26 to 55 years of age with normal volar forearms. The data presented above was taken over 2 days with 2 applications of the test article and the Mexameter measurements were taken under controlled temperature and humidity conditions. This study was double-blind and randomized. Alpha-Bisabolol Natural was supplied by BASF Corporation. Mexameter MX 18 is a product of Courage+Khazaka. (Clinical Study 11-036 report available upon request.)

1. STANZYL K, VOLHARDT J. "THE CASE OF ALPHA-BISABOLOL." HANDBOOK OF COSMETIC SCIENCE AND TECHNOLOGY. ED. AO BAREL, M PAYNE, AND HI MAIBACH. NEW YORK, NY: MARCEL DEKKER, 2001. 277-84. PRINT.