ANTIPERSPIRANT SENSITIVITY REDUCED WITH FLORAESTERS® 60 AND FLORAESTERS K-100® JOJOBA

CS 18-109

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Floraesters 60 and Floraesters K-100 Jojoba Reduced Antiperspirant Sensitivity

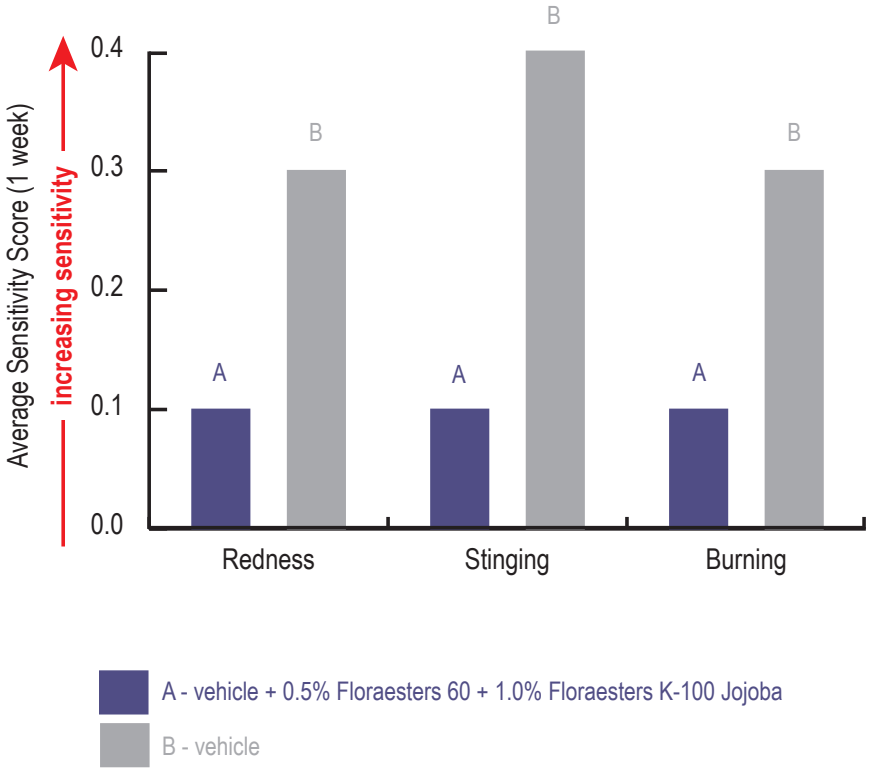
Objective:

To evaluate Floraesters 60 and Floraesters K-100 Jojoba in an antiperspirant to reduce antiperspirant sensitivity.

Method:

Antiperspirants with and without 0.5% Floraesters 60 + 1.0% Floraesters K-100 Jojoba were applied and evaluated by subjects for sensitivity (*i.e.* redness, stinging, burning, and itching) once daily for 1 week on the underarms of **subjects sensitive to antiperspirants**.

Antiperspirant Sensitivity



Results:

The antiperspirant containing ***Floraesters 60 and Floraesters K-100 Jojoba reduced sensitivity scores by up to 54%*** compared to the vehicle antiperspirant without Floraesters.

A = vehicle antiperspirant + 0.5% Floraesters 60 + 1.0% Floraesters K-100 Jojoba / B = vehicle antiperspirant

Vehicle Antiperspirant (%wt/wt): Cyclopentasiloxane (50.2%), Aluminum / Zirconium Tetrachlorohydrex-GLY (22.0%), Stearyl Alcohol (17.4%), Hydrogenated Castor Oil (4.1%), Aluminum Starch Octenylsuccinate (3.0%), Ethyl Macadamiate (1.5%), C12-15 Alkyl Benzoate (and) Stearalkonium Hectorite (and) Propylene Carbonate (1.0%), Talc (0.5%), Fragrance (0.3%), and Lactic Acid (q.s.).

Floratech Ingredient: Floraesters 60 and Floraesters K-100 Jojoba

The clinical study of Floratech® test formulation (CTL_16-068) was conducted on a panel of 14 female subjects, ranging from 29 to 61 years of age (mean age = 45), who demonstrated a sensitivity to antiperspirants. The duration of the study was 1 week (in addition to a 3 day washout) with once daily applications of the antiperspirants. Subjects evaluated sensitivity on a scale of 0 - 3 (0 = none, 1 = mild, 2 = moderate, 3 = severe) daily for 1 week of at-home antiperspirant use. The study was double-blind, randomized, and carried out under controlled temperature and humidity conditions. The inclusion of Floraesters 60 and Floraesters K-100 Jojoba resulted in statistically significantly ($p<0.01$) lower sensitivity scores over 1 week of antiperspirant use. (Clinical Study 16-068 report available upon request.)

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