



## 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:

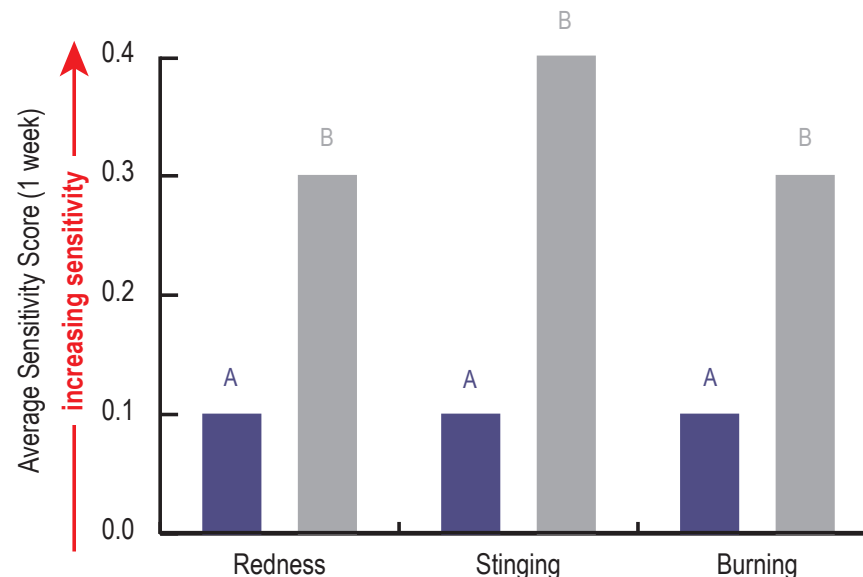
Antiperspirants with and without 0.5% Floraesters 60 + 1.0% Floraesters K-100 Jojoba were applied and evaluated by subjects for sensitivity (*i.e.* redness, stinging, burning, and itching) once daily for 1 week on the underarms of **subjects sensitive to antiperspirants**.

### Results:

The antiperspirant containing **Floraesters 60 and Floraesters K-100 Jojoba reduced sensitivity scores by up to 77%** 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 Tetrachlorohydrate-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.).

### Antiperspirant Sensitivity



■ A - vehicle + 0.5% Floraesters 60 + 1.0% Floraesters K-100 Jojoba  
 ■ B - vehicle

## 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.)