**Objective:**
To evaluate Floraesters K-20W Jojoba in a sunscreen for its potential to increase skin hydration.

**Method:**
Sunscreens with and without 5% Floraesters K-20W Jojoba were applied to the lower legs. Skin hydration measurements (using the Corneometer) were taken at baseline, one and two hours post-test article application.

**Results:**
The test article containing 5% Floraesters K-20W Jojoba *increased skin hydration up to 67% compared to the vehicle sunscreen* without Floraesters K-20W Jojoba.

Vehicle Sunscreen (%wt/wt): Water (q.s.), C12-15 Alkyl Benzoate (8.0%), Titanium Dioxide (and) Dimethicone (7.5%), Ethyl Macadamiate (5.0%), Potassium Cetyl Phosphate (3.0%), Sunflower Seed Oil Sorbitol Esters (2.0%), Polyhydroxystearic Acid (1.0%), Cetearyl Alcohol (1.0%), Glycerin (1.0%), Phenoxyethanol (and) Methylparaben (and) Ethylparaben (and) Butylparaben (and) Propylparaben (and) Isobutylparaben (0.8%), Triethanolamine (0.2%), and Acrylates/C10-30 Alkyl Acrylate Crosspolymer (0.1%).

**Floratech Ingredient: Floraesters K-20W Jojoba**

The clinical study of Floratech® test formulation (CTL_15-061) was conducted on a panel of 17 healthy females, ranging from 35 to 56 years of age (mean age = 46), with dry lower legs. The duration of the study was one day with one application of each test article. The study was double-blind, randomized, and carried out under controlled temperature and humidity conditions. The Corneometer CM 825 is a product of Courage+Khazaka (Köln, Germany). The inclusion of 5% Floraesters K-20W Jojoba resulted in statistically significant (p<0.05) increases in skin hydration at both time points. (Clinical Study 15-061 report available upon request.)