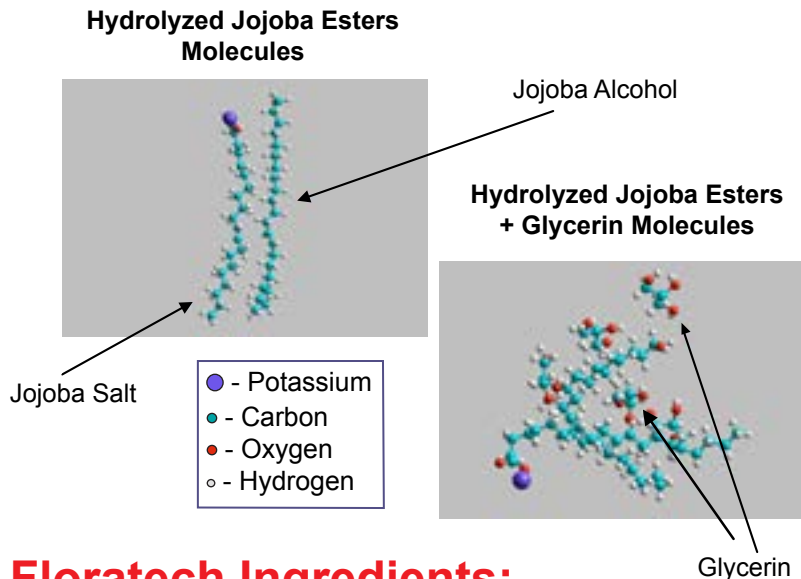




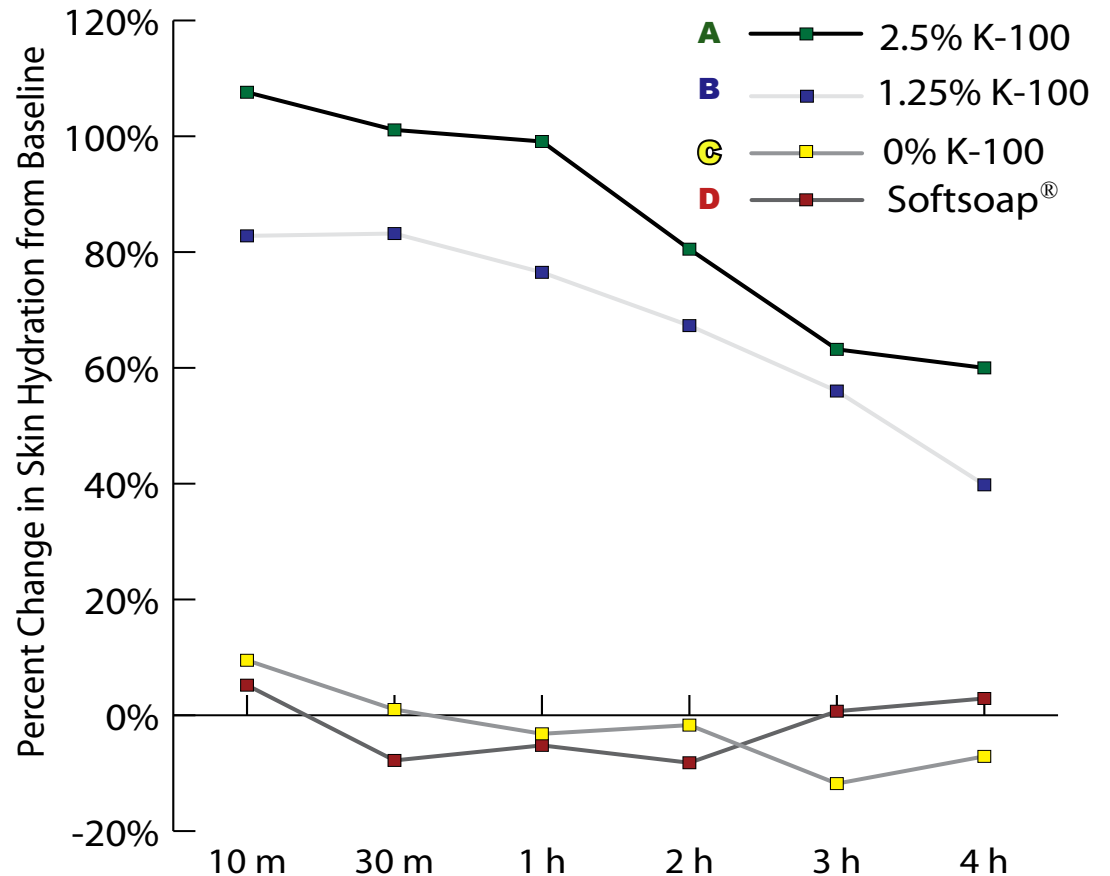
Floraesters K-100 Increases Skin Hydration When Used in a Body Wash Formulation with Glycerin

Theoretical Mechanism of Action

At room temperature, the alcohols and salts of the fatty acids of hydrolyzed jojoba esters generally orient themselves in an ordered geometry; however, when glycerin is added to the system the hydrolyzed jojoba esters break free of the highly ordered geometry, thereby trapping glycerin. Accordingly, when hydrolyzed jojoba esters form a film on the skin, glycerin molecules are incorporated within this film, thereby increasing the bio-available hydration potential of glycerin.



Skin Hydration (Corneometer)



Test Articles A and B were statistically significantly better ($p < 0.05$) than Test Articles C and D at all time points.

Floratech Ingredients: Floraesters K-100 Jojoba

The clinical study trial of Floratech[®] test formulation (CTL_09-024) was conducted on a panel of 7 healthy women ranging from 37 to 54 years of age with dry lower legs. The duration of the study was 4 hours with 1 application of the test article under controlled temperature and humidity conditions. Softsoap[®] Honeysuckle & Orange Peel Moisturizing Body Wash is a registered trademark of Colgate-Palmolive Company and Corneometer[®] is a registered trademark of Courage+Khazaka. The molecular analysis was performed using Hyperchem r.8 (Hypercube, Inc., Gainesville, FL). (Clinical Study Trial 09-024 report available upon request.)