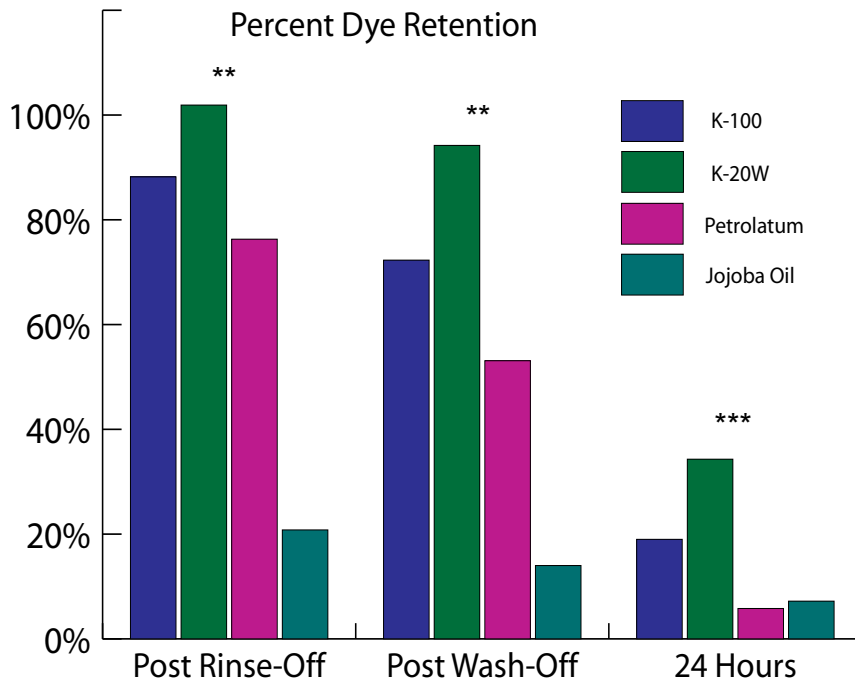


DEPOSITION OF FLORAESTERS K-20W® JOJOBA AND FLORAESTERS K-100® JOJOBA

CS 09-012

Floraesters K-20W and K-100 Deposition Retention Exceeds That of Petrolatum



** p<0.001 between all test articles

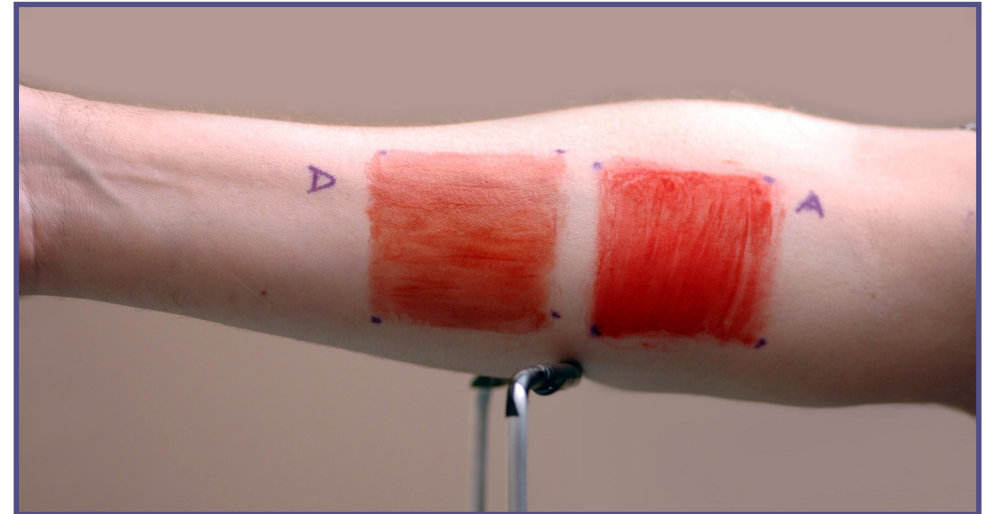
*** p<0.001 between K-100 or K-20W and all other test articles

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

Test Articles Consisted of the Following:

- Floraesters K-100 Jojoba with 0.56% D&C Red #17 - A
- Floraesters K-20W Jojoba with 0.11% D&C Red #17 - B
- Jojoba Oil with 0.56% D&C Red #17 (Control) - C
- Petrolatum with 0.55% D&C Red #17 - D

Example of a Subject Post-Application



Clinical photographs of the lower forearm were taken, Gaussian blurred (15 pixels), and analyzed for red saturation using the saturation aspect of an HSB (hue, saturation, brightness) color scheme. Post rinse-off is defined as a 15 second rinse under cool, running water. Post wash-off is defined as a 10 second rinse, 5 drops of liquid soap rubbed in a circular motion, and an additional 15 second rinse.

The clinical study trial was conducted on a panel of 9 healthy people ranging from 27 to 48 years of age with Fitzpatrick skin types I, II, or III. The duration of the study was 24 hours with 1 application of the test article under controlled temperature and humidity conditions. The data in the bar graphs were obtained by collecting 30 red saturation measurements for each test site at each time point for each subject, calculating each subject's percent change, and averaging the 9 subjects' percent changes from baseline (percent red dye retention). (Clinical Study Trial 09-022 report available upon request.)