



# ECOBeads® IN A FACIAL SCRUB CAUSE LESS DIFFUSE FACIAL REDNESS

CS 15-064



**Ecobeads Cause Less Diffuse Facial Redness Than Polyethylene Particles When Used in an Exfoliating Facial Scrub**

## Objective:

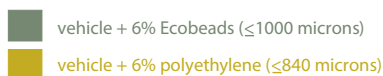
To evaluate Ecobeads within a facial scrub for their potential to cause less diffuse facial redness (indicative of sensitive / reactive skin) during a mechanical exfoliation process, as compared to polyethylene particles within the same facial scrub.

## Method:

Facial skin redness measurements (diffuse redness via Clarity Pro Advanced skin analysis system with the Facial Stage DM-3) were taken on the left and right sides of the face at baseline prior to exfoliation and immediately post-exfoliation.

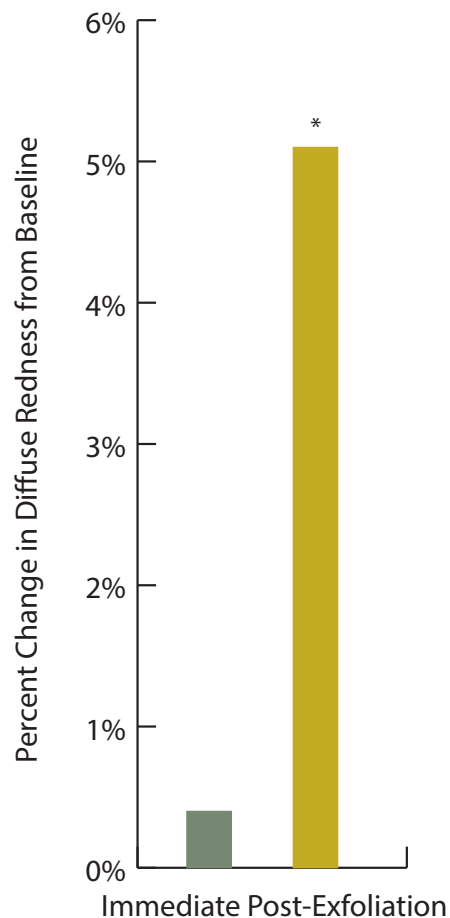
## Results:

Ecobeads resulted in **less diffuse facial redness** than polyethylene particles.



Vehicle (%wt/wt): Water (47.8%), Ammonium Laureth Sulfate (14.5%), Cocamidopropyl Betaine (13.0%), Distearyl Phthalic Acid Amide (4.5%), Cetyl Alcohol (4.0%), Stearyl Alcohol (4.0%), Butylene Glycol (2.0%), PEG-120 Methyl Glucose Dioleate (2.0%), Sodium Hydroxide (and) Water (15% solution) (0.9%), Citric Acid (30% solution) (0.8%), Phenoxyethanol (and) Methylparaben (and) Ethylparaben (and) Butylparaben (and) Propylparaben (and) Isobutylparaben (0.5%), and Disodium EDTA (0.05%).

## Diffuse Facial Redness



## Diffuse Facial Redness Immediate Post-Exfoliation



6% Ecobeads  
(normal)



6% Ecobeads  
(diffuse redness highlighted)



6% polyethylene  
(normal)



6% polyethylene  
(diffuse redness highlighted)

**Floratech Ingredient: ecobeads®**

The clinical study of Floratech® test formulation (CTL\_14-058) was conducted on a panel of 26 healthy females, ranging from 22 to 53 years of age (mean age = 36). The duration of the study was one day with one one-minute application (e.g. exfoliate, rinse, and pat dry) of each test article performed by each subject. All images were taken under controlled temperature and humidity conditions, followed by analysis by the BTBP Clarity Pro Advanced software. This study was double-blind and randomized. Microscrub® 20PC (INCI: Polyethylene) was supplied by Micro Powders. The BTBP Clarity® Pro Advanced and Facial Stage DM-3 are products of BrighTex Bio-Photonics, LLC (San Jose, CA). (Clinical Study 14-058 Phase II report available upon request.)

\* Indicates a statistically significant ( $p < 0.01$ ) increase in diffuse redness.

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