

# scientifically speaking



Dermalogica® Research and Development News

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## What makes UltraCalming™ different?

by Dr. Claudia Aguirre

Burning, stinging, prickling, itching. No, these aren't just sensations confined to a bad gardening experience. Various reports state that 50% of the world's population suffers from these symptoms in a condition broadly termed 'sensitive' skin. The term sensitive skin refers to a skin condition defined by sensory symptoms rather than a disease entity. However, due to a lack of a clear definition, it does not account for the differentiation between a truly sensitive skin and a *sensitized* skin.

### Sensitivity comes in many forms

A true sensitive skin condition is the result of your genes. This genetic predisposition is found in those who have fair skin and present other allergic diseases. They may also be susceptible to inflammatory skin diseases like Eczema, Psoriasis and Rosacea. Unlike sensitive skin, sensitized skin is not a result of genetics. It is a reflection of your environment, lifestyle and physiology- and can affect any person regardless of skin color or gender. Pollution, cosmetic and skin care ingredients, over-exfoliation, diet, alcohol and climate changes can all trigger sensitization in the skin. Luckily, this condition can be improved with proper skin care and lifestyle choices. The sophisticated formulations found in the new Dermalogica UltraCalming line of products delivers effective results for the most sensitized skin condition. It is clinically proven to reduce redness and soothe irritation for long lasting skin relief. So how does it work?

### UltraCalming Complex

In no other system of skin products will you find such an advanced ingredient technology that targets the nerve response associated with inflammation and sensitization. Only UltraCalming products come equipped with the ingredients that target and control neurogenic inflammation found in our exclusive UltraCalming Complex.

The complex is a blend of highly effective actives that work together to reduce redness and irritation associated with inflammation and sensitivity. Red Hogweed (*Boerhavia diffusa*) root extract is a remarkable plant extract that helps to restore tissue integrity by favoring anti-inflammatory substances via different arms of the inflammatory pathway. One of these arms, neurogenic inflammation, is a nerve response that results in inflammation and its hallmark symptoms of redness and irritation. In reducing the nerve response, we can help reduce the sensitivity associated with neurogenic inflammation, bringing the skin to a normal level of sensitivity. Ginger and Bisabolol also reduce redness by working better as a team, rather than separately. Finally, the calming and soothing effects of Oat have been widely known to reduce itch, redness and irritation. We've complemented the most active portions of Oat with a synthetic version that boosts the soothing properties of natural Oat. Together, these ingredients make up a complex found in all UltraCalming products that provide serious relief from the inflammatory and neurogenic pathways that lead to skin sensitivity.

### A restorative blend of lipids

When inflammation is paired with the loss of skin's protective barrier, skin becomes highly reactive. To counter this, additional ingredients that mimic the skin's natural composition of ceramides, sterols and essential fatty acids are found throughout the UltraCalming line. Borage seed and Evening Primrose oil are high in gamma linoleic acid, a fatty acid required for intact epidermal layers. Avocado provides natural phytosterols while Sunflower seed contains ceramides. Together, this lipid blend fortifies skin's barrier while the UltraCalming complex soothes irritated, sensitized skin.

This groundbreaking ingredient technology is what sets UltraCalming apart from any other system designed for skin sensitivity.