

New Daily Photoprotection With a Soothing and Hydrating Multi-Protective Formula

Clear Daily Soothing UV Defense SPF 50 is suitable for sensitive and redness-prone skin



Wearing sunscreen is so important that it made an iconic graduation speech. We know that protection from UV rays is important for maintaining skin health as well as a youthful appearance.¹ Unprotected exposure to UV increases the risk for the development of skin cancers, and the effects

are also linked to free radical damage, which contributes to signs of premature aging such as discoloration and fine lines and wrinkles.¹⁻³ Sunscreen formulations have been evolving to improve their efficiency and their cosmetic elegance.^{1,4-6}

Sensitive skin is a growing concern among consumers, and finding a sunscreen that is suitable can be difficult. Additionally, environmental stressors and sun exposure can further irritate sensitive skin, possibly leading to increased redness, dryness, irregular texture, and discomfort.⁷⁻⁹ All skin types are vulnerable to being sensitive and developing these bothersome sequelae.¹⁰

SkinCeuticals understands these challenges and is thrilled to launch Clear Daily Soothing UV Defense SPF 50 with Netlock™ UV Technology. This technology enables a consistent and even distribution of the hybrid UV filter blend containing zinc oxide and organic UV filters that provide broad-spectrum protection.¹¹⁻¹² The fine emulsion provides a sheer coverage with minimal white cast in a cosmetically elegant formula.¹¹⁻¹²

Inflammation is a key player in sensitive skin, and it is well known that decreasing mediators of inflammation will help calm sensitive skin. Clear Daily Soothing UV SPF 50 is formulated with palmitoyl tripeptide-8 and bisabolol, which are two well-documented ingredients for decreasing inflammation in the skin.¹¹ These help decrease the erythema and inflammation that can be induced by UV, making this comprehensive protection from UV and inflammation. Additionally, Clear Daily Soothing UV Defense has been dermatologist- and ophthalmologist-tested.

Sunscreen only works if you wear it, and patients will ultimately choose to use what they like. In a study with more than 90 diverse subjects, including Fitzpatrick groups I-VI, Clear Daily Soothing UV Defense SPF 50 had a high level of preference across many facets, including lightweight coverage that goes on with minimal cast, and a look and feel that is not greasy.¹¹ Users also agreed that visible redness was reduced, skin felt smoother, and it left skin feeling calmed and soothed.

— **Lyndsay Zotian, PharmD, MBA; AVP, Medical Affairs**

Comprehensive Protection With Antioxidants and New Innovation



WITH AMANDA DOYLE, MD, FAAD

Given that UV exposure can trigger or exacerbate inflammation in patients with sensitive skin, how does layering topical antioxidants with sunscreen help mitigate the effects of inflammatory mediators and reactive oxygen species (ROS) to provide more comprehensive protection against UV light?

Amanda Doyle, MD, FAAD: Sunscreens and antioxidants pair in a complementary way together. Alone, they serve related protective functions and together, they provide even more comprehensive coverage. Sunscreens either reflect or absorb UV rays to reduce the negative impact of UV exposure on the skin. Antioxidants work by quenching free radical damage that occurs as a result of oxidative stress from sun exposure, pollution, ionizing radiation, and heavy metal exposure. When worn together, they increase the protective effects by reducing the risks of sun and oxidative exposure.

How do you explain to your patients with sensitive skin why skincare that combines soothing ingredients, hydration, and broad-spectrum protection contributes to the overall health of their skin?

Dr. Doyle: Patients with sensitive skin benefit from skincare that serves multiple functions such as reducing signs of inflammation, providing adequate hydration, and giving appropriate broad-spectrum protection. A skin care routine that addresses each of these concerns helps patients with sensitive skin by reducing the signs of inflammation such as redness and irritation, and reduces the risk of exacerbating inflammatory conditions such as acne, rosacea, and psoriasis. Adequate hydration helps to soothe and reduce the risk of skin barrier breakdown and peeling, uncomfortable skin. Appropriate broad-spectrum coverage helps to reduce the risk of UV damage that can cause premature aging and increased risk of actinic damage and, ultimately, skin cancer. Sensitive skin is also more

Clear Daily Soothing UV Defense SPF 50

A Transparent, Non-Comedogenic Sunscreen for Sensitive, Redness-Prone Skin



Proven Efficacy Across All Skin Tones

#1 Medical Skincare Brand
Source: 2023 Kline Professional Skincare, U.S. Market Analysis and Opportunities

1 Protocol: A 4-week consumer test was conducted on 92 subjects with Fitzpatrick type I-VI, ages 25-60 with visible or self-perceived redness/blotchiness, rough skin texture, dull skin. 50 subjects had previously experienced skin discomfort/reactivity due to sun exposure. Clear Daily Soothing UV Defense SPF 50 was applied once daily in the morning as the last step in skincare routine and reapplying every 2 hours when exposed to the sun. Efficacy was assessed at immediate, week 1, and week 4 timepoints.



prone to being potentially vulnerable to inflammation and dryness, and to increased risk of damage from UV exposure, so protection that covers all of these core issues is paramount for this subgroup of patients.

How does the 2.5% concentration of palmitoyl tripeptide-8 along with bisabolol work to reduce inflammation to soothe skin and what are the potential benefits for individuals with inflammatory skin conditions or those exposed to regular UV light?

Dr. Doyle: The palmitoyl tripeptide-8 reduces UVB-induced inflammation by inhibiting production of pro-inflammatory markers such as production of IL-8 and TNF-alpha, and bisabolol diminishes visible skin redness.¹¹ In doing so, these ingredients help to reduce signs of inflammation, such as redness, and provide a soothing, comforting sensation for patients.¹¹ It feels so reassuring to be able to provide something to patients who are self-conscious about signs of inflammation and issues with temperature sensitivity.

Are there specific antioxidants that you would recommend to layer with Clear Daily Soothing UV Defense, particularly

to those who experience skin sensitivity, to help address their unique skin concerns? What other products and procedures do you recommend for your patients with sensitive skin?

Dr. Doyle: My favorite antioxidants to layer with Clear Daily Soothing UV Defense are Serum 10 and Phloretin CF. I also like pairing it with the Phyto Corrective Gel and Phyto Corrective Masque. Clear Daily Soothing UV Defense is non-comedogenic and has been tested by dermatologists/ophthalmologists, so it will not clog pores and is safe around the eyes, an area where patients who are sensitive tend to have difficulty finding the right sunscreen. It's a really beautiful combination that is easy and comfortable to wear on a daily basis, no matter what the day entails.

How does the combination of mineral and chemical actives in this sunscreen—specifically, the 7.0% zinc oxide with 8.0% homosalate, 5.0% octisalate, and 5.0% octocrylene—result in a lighter, less greasy feel on the skin, and what are the benefits of this formulation?

Dr. Doyle: This combination provides a less greasy feel because it is a hybrid filter blend using the Netlock™ UV

Technology. The unique formulation allows for broad-spectrum coverage with mineral actives and cosmetic elegance of chemical actives. It gives a light, dewy hydration and goes nicely with or without makeup. ■

- Shanbhag S, Nayak A, Narayan R, Nayak UY. Anti-aging and Sunscreens: Paradigm Shift in Cosmetics. *Adv Pharm Bull*. 2019;9(3):348-359. doi:10.15171/apb.2019.042.
- Cleveland Clinic. Sun-damaged skin (photoaging). <https://my.clevelandclinic.org/health/diseases/5240-sun-damage-protecting-yourself>. Accessed March 15, 2024.
- Pandel R, Poljsak B, Godic A, Dahmane R. Skin photoaging and the role of antioxidants in its prevention. *ISRN Dermatol*. 2013;2013:930164. Published 2013 Sep 12. doi:10.1155/2013/930164.
- Guan LL, Lim HW, Mohammad TF. Sunscreens and Photoaging: A Review of Current Literature. *Am J Clin Dermatol*. 2021;22(6):819-828. doi:10.1007/s40257-021-00632-5.
- Cancer Council. Sunscreen reactions. <https://www.cancer.org.au/cancer-information/causes-and-prevention/sun-safety/about-sunscreen/sunscreen-reactions>. Accessed March 15, 2024.
- Keyes E, Werth VP, Brod B. Potential allergenicity of commonly sold high SPF broad spectrum sunscreens in the United States; from the perspective of patients with autoimmune skin disease. *Int J Womens Dermatol*. 2019;5(4):227-232. Published 2019 May 23. doi:10.1016/j.jiw.2019.05.006.
- Chen X, Wen J, Wu W, Peng Q, Cui X, He L. A review of factors influencing sensitive skin: an emphasis on built environment characteristics. *Front Public Health*. 2023;11:1269314. Published 2023 Dec 4. doi:10.3389/fpubh.2023.1269314.
- Oakley AM, Badri T, Harris BW. *Photosensitivity*. [Updated 2023 Aug 8]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2024 Jan-. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK431072/>
- Misery L, Bataille A, Talagas M, et al. Sensitive Skin Syndrome: A Low-Noise Small-Fiber Neuropathy Related to Environmental Factors?. *Front Pain Res (Lausanne)*. 2022;3:853491. Published 2022 Mar 25. doi:10.3389/fpain.2022.853491.
- Dubin CE, Kimmel GW, Hashim PW, Nia JK, Zeichner JA. Objective Evaluation of Skin Sensitivity Across Fitzpatrick Skin Types. *J Drugs Dermatol*. 2020;19(7):699-701. doi:10.36849/JDD.2020.5880.
- Data on File. SkinCeuticals.
- L'Oréal Groupe. Netlock, our technology for more effective sun protection. <https://inside-our-products.loreal.com/our-approach/netlock-our-technology-more-effective-sun-protection>. Accessed March 15, 2024.

AMANDA DOYLE, MD, FAAD

■ Board-certified dermatologist; Fellow, American Academy of Dermatology; Faculty, Mount Sinai Hospital