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Cupron Derma™ Clear™: Next-Generation Copper-Based Additives for Skin Wellness, Odor Control, and Preservation

Cupron Performance Additives, Inc.

www.cupron.com

PRODUCT/SERVICE BACKGROUND INFORMATION

Copper is an essential micronutrient for skin, promoting elastin and pro-collagen 1 production. Cupron has developed innovative cuprous copper-based technologies for odor management and skin wellness applications. Supported by in vitro, ex vivo, and clinical studies, Cupron Derma™ Clear™ represents a new generation of multifunctional additives for cosmetic and personal care formulations. The technology utilizes coordination complexes of cuprous iodide (CuI) with select organic ligands to enhance chemical stability and formulation compatibility while delivering functional benefits in preservation, odor management, and skin wellness.

WHAT IS THE COMPANY INTRODUCING TO THE MARKET/INDUSTRY?

Cupron is introducing the Derma Clear portfolio, featuring three innovative CuI coordination compounds: Clear12, Clear18, and ClearVB3. Clear12 and Clear18 utilize alkylamine ligands with different chain lengths to provide distinct formulation and stability characteristics. Notably, the ligand in Clear18 is a widely used conditioning agent in hair care. ClearVB3 incorporates niacinamide (vitamin B3), a widely recognized skin care ingredient, offering complementary skin wellness potential. Together, these additives provide formulators with versatile cuprous copper-based technologies for developing multifunctional cosmetic and personal care products.

HOW WILL THIS NEW PRODUCT/SERVICE IMPACT THE INDUSTRY (BENEFITS)?

Cupron Derma Clear offers a multifunctional approach to personal care innovation by combining antimicrobial preservation, body odor management, and skin wellness benefits in a single additive platform. All three materials provide an alternative to conventional preservation and deodorizing technologies, while ClearVB3 additionally introduces the complementary benefits of niacinamide. The portfolio offers formulation flexibility across different product formats and may help manufacturers simplify ingredient systems, enhance product functionality, and develop differentiated personal care solutions.