

Hydrogenated Phospholipids – Biomimetic Emulsifiers with Added Value

Lipoid, Inc.

www.lipoid-kosmetik.com

PRODUCT/SERVICE BACKGROUND INFORMATION

Consumer's interest in skin's health has accelerated over the past two years from basic moisturization to improving barrier strength and reducing TEWL. Hydrogenated phospholipids closely mimic the lamellar structure of the skin while providing excellent emulsification performance with skin-friendly properties. Building on decades of pharmaceutical phospholipid expertise, Lipoid offers high-performance hydrogenated lecithin and purified hydrogenated phosphatidylcholine as multifunctional solutions for modern personal care formulations.

WHAT IS THE COMPANY INTRODUCING TO THE MARKET/INDUSTRY?

Lipoid is introducing a biomimetic formulation technology based on hydrogenated phospholipids as multifunctional emulsifiers with added skin benefits. Tested in comprehensive studies, **LIPOID P 75-3** and **PHOSPHOLIPON® 90 H IP** provide reliable emulsification properties with a silky skin feel, biomimetic functionality and skin-barrier support. **SLM Eco®** is a ready-to-use cream base with a biomimetic lipid composition with lamellar structure that significantly improves the barrier function of the skin.

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

This concept enables formulators to move beyond conventional emulsification by integrating skin-compatible, biomimetic functionality into formulation design. Hydrogenated phospholipids can support barrier strengthening while contributing to a sensory profile and superior formulation aesthetics. **SLM Skin Lipid Matrix®** simplifies the development of skincare formulations through its pre-structured lipid matrix providing a versatile platform for high-performance, minimalist, natural formulations including sensitive skin and dermocosmetic applications.