



**COPPERHEAD
CHEMICAL
COMPANY®**

LAUREST® 1220

Plant Based, Multifunctional Cosmetic Ingredient

Laurest® 1220 offers the appeal of plant based ingredients with antimicrobial properties in a product with luxurious skin feel and a lack of odor and irritation.

Benefits:

- Made from natural, coconut or palm kernel oil-based lauric esters and non-GMO vegetable-based diglycerin, combined in a patented process¹ to make a clear to slight amber **water-soluble** liquid that enhances skin care products by providing **lush skin feel**.
- Contains a unique suite of lauric esters which augment and compliment important innate substances that provide **microbial protection** to healthy skin. In particular, the diglycerol monolaurate in Laurest® is uniquely suited to skin care because it offers control of Gram-positive bacteria and fungi with **low potential for irritation**.
- A mixture of rich esters with both **emollient and humectant properties** that condition and moisturize the skin, helping to create appealing skin care products. Due to the water-soluble nature of Laurest®, it is **cold process capable** and may be added to either the water or oil phase.
- Laurest® is **very low odor** and non-volatile and may be used to emulsify or carry various actives and fragrances.
- Approved by ECOCERT for use in natural and organic cosmetics.



Laurest® 1220 delivers antimicrobial, emollient esters that customers want in their products at a competitive price, with outstanding quality, and in an easy-to-use form that professionals can use with confidence.

INCI Name: Diglycerin (and) Polyglyceryl-2 Laurate.

Directions for Use: Recommended use levels and concentration depends upon the application and type of product. Laurest® 1220 may be added to the oil and/or water phase.

For use as a preservative: 1.5% - 3% wt/wt%

Other personal care applications: up to 39% wt/wt% for both wash off and leave on products

About Copperhead Chemical Company®: Copperhead is a leading manufacturer of active pharmaceutical ingredients and specialty chemicals located in Tamaqua, PA USA. Copperhead is dedicated to quality and operates in accordance with Good Manufacturing Practice regulations enforced by the U.S. FDA. Contact information is as follows:

Sales and Technical Support:

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¹ Methods and compositions for novel liquid crystal delivery systems. U.S. Patent Number: 8,546,593.