



Hampford Research INC

Handcrafted Solutions For A High-Tech World

BarGuard[®] CP FP code 5044

General

BarGuard[®] CP is a 100% active, broad spectrum anti-microbial/preservative formulated for use in cosmetics and personal care products. It's unique, paraben and formaldehyde free formulation makes it ideal for both leave on as well as rinse off applications. BarGuard[®] CP maintains it's efficacy over a wide pH range (4-10) as well as in more challenging applications such as sunscreens and protective lotions.

Key Features

- Broad spectrum efficacy even in the most difficult applications
- Easily emulsifiable
- Suitable for both leave on and rinse off applications
- Free from hazardous ingredients including paraben, MIT, CIT/MIT and formaldehyde

Typical Properties

APPEARANCE:	Clear to slightly yellow liquid
SPECIFIC GRAVITY:	0.967-1.016
WATER CONTENT:	3.0 % max
INFRARED SPECTRUM:	Matches Standard

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Typical Usage

BarGuard® CP can be used at concentrations as low as 0.5% by weight, and is soluble up to 1.5% in most cosmetic formulations. For maximum performance, BarGuard® CP should be added directly to the water phase of the formulation and gently heated to facilitate dissolution. Care should be taken not to exceed 40 degrees C, as this may cause premature loss of efficacy.

Safety and Handling

BarGuard® CP should be handled in accordance with good industrial practice. Detailed information is provided in the SDS.

BarGuard® CP is sensitive to heat and light visible light. Prolonged exposure could result in product degradation.

NOTE: Intellectual property issues cover the use of this material in select applications.
For additional information visit our website www.hampfordresearch.com.

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