

Lotioncrafter®
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Germaben® II

INCI: Propylene Glycol (and) Diazolidinyl Urea (and) Methylparaben (and) Propylparaben

DESCRIPTION

Germaben II is a broad spectrum, liquid preservative system. Its active components have been solubilized in propylene glycol, making them easy to incorporate into formulations. It is ready-to-use in emulsions with an oil phase of about 25% or less and water soluble formulations. Germaben II is compatible with most cosmetic ingredients.

HANDLING AND STORAGE

Germaben II is a clear viscous liquid with a characteristically mild odor. It should be stored in its original airtight container in a cool, dry location. When handling Germaben II, wear protective gloves and safety goggles. Please refer to the Material Safety Data Sheet (MSDS) and follow all safety precautions when handling this product.

FORMULATING WITH GERMABEN II

Germaben II is heat sensitive and should be added to the water phase or to the emulsified portion of the formulation at a temperature of 140°F (60°C) or below, during the cool down stage, generally prior to the addition of fragrance. Adding Germaben II above 140°F (60°C) could result in compromising the preservative system in your product.

Germaben II is recommended at usage levels of 0.3% to 1.0% of finished formulations. It has proven effective in emulsions at levels of 0.5% - 1.0%. In liquid soaps and shampoos, levels of 0.3% - 0.5% have proven effective. Germaben II is readily soluble up to a level of 1% over a 3 – 7 pH range. However, every cosmetic formulation should have a preservative system custom made to match its needs and should be tested to ensure proper preservation.

LIMITED WARRANTY – PLEASE READ CAREFULLY

The information contained herein is offered in good faith based on Lotioncrafter's research and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information shall not be used in substitution for customers' tests to insure that Lotioncrafter's products are fully satisfactory for your specific applications. Our warranty is that the product will meet its current sales specifications. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

Germaben® II is a registered trademark of ISP Sutton Laboratories.