

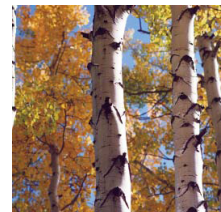
Concepts in Motion

Tomorrow's Vision...*Today!*

Salicylate Free Leucidal

While Leucidal Liquid remains one of the market leaders in the field of natural antimicrobials, there has been consistent pressure to produce a salicylate free version. Originally we used the White Willow Bark to help achieve uniform release of the peptide, however by careful research into applied enzymology we have been able to remove the White Willow Bark Extract. By using Lysozyme we have been able to eliminate the salicylates while actually increasing the potency of the material. Leucidal Liquid SF is the newest addition to the Leucidal family. It is based on Lactobacillus for broader regulatory compliance and has an increased range of formulation applications.

It should be noted that natural antimicrobials have very different properties from traditional preservatives. Most traditional preservatives are volatile in nature. This means that in a package, the preservatives will volatilize to occupy the headspace. This tends to prevent mold growth on the surface of product. When converting to a natural antimicrobial, it is important to eliminate excess headspace using higher fill heights and cap inserts, or air-backless packaging.



Smaller Pack Sizes

Many times there are customers that want to obtain smaller volumes. It is not commercially feasible for Active Concepts to meet this demand. In order to make sure that the demand is not unanswered we have established the **Formulator Sample Shop** (www.formulatorsampleshop.com). Offering Active Concepts products in 80ml, 250ml, and 1000ml pack sizes, the Formulator Sample Shop is designed to service smaller businesses that cannot meet Active Concepts minimum order or pack size. Maggie Ghanem has been asked to lead this effort in the capacity of Director of Operations. She can be reached at MGhanem@formulatorsampleshop.com or +1-704-276-7099.

Active Concepts is going *Solar!*

In the spirit of our commitment to sustainability and local environmental issues, we have begun the conversion of our Lincolnton, North Carolina facility to Solar Power. The installation is scheduled to be complete by the end of the year. When online, the solar array will generate enough energy to power our facility and provide enough surplus power that by selling it back to the local power company, we will be able to recoup our investment in 4 to 5 years. However, the real payback comes in the significant reduction in our carbon footprint; the surplus energy provided to the grid helps the community lower their carbon footprint.

Kerazyme - not just for hair straightening anymore

When we originally launched Kerazyme, it was as a safe replacement for the Brazilian blowout. We have had some customers have great results and some not so great. The focus on the Brazilian blowout has come and gone. That doesn't mean that this product has reached its end. The SEM work performed at Gaston College clearly shows that Kerazyme has some great thermal protective effects. For applications where customers are looking for the next generation Phytantriol, this is the go-to product.

