

Lotioncrafter

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Differences in Leucidal Liquid Products

This is a question we are often asked. So, in a nutshell:

- Different fermentation media
- Different strains of bacteria
- Different end products

Leucidal Liquid

<http://activemicrotechnology.com/wp-content/uploads/2014/04/M15008-Leucidal-Liquid-Technical-Data-Sheet-v14.pdf>

This product derives its efficacy from an antimicrobial peptide produced by fermentation of radish root by *Leuconostoc kimchii*. This novel antimicrobial peptide provides broad-spectrum antimicrobial capabilities and is the original product in the Leucidal family.

Leucidal Liquid SF

<http://activemicrotechnology.com/wp-content/uploads/2014/04/M15019-Leucidal-Liquid-SF-Technical-Data-Sheet-v8.pdf>

A probiotic-based ingredient created by the fermentation of *Lactobacillus* in a defined growth medium. This broad-spectrum antimicrobial is salicylate free, which makes this product appealing in various markets. Comparison of the MIC data between this product and Leucidal Liquid would indicate that this product has somewhat greater efficacy against the fungal organism, *Aspergillus*.

Leucidal Liquid PT

<http://activemicrotechnology.com/wp-content/uploads/2014/04/M15021-Leucidal-Liquid-PT-Technical-Data-Sheet-v6.pdf>

A probiotic-based ingredient created by the fermentation of *Lactobacillus* in a defined growth medium, including undecylenic acid derived from castor beans. This broad-spectrum antimicrobial ingredient is enhanced by the presence of water-soluble undecylenates generated by the fermentation process, which provide good anti-fungal properties. Originally created for use in powder products such as eye shadows, it can also be effective in opaque emulsion systems. This product would not be recommended for clear formulations.