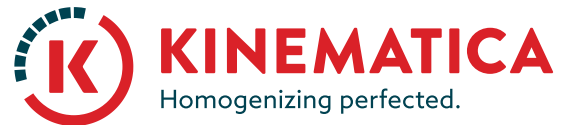


Process: **EMULSIFICATION /  
ENCAPSULATION**  
Product Group: **LPP**  
Product Family: **MEGATRON®**



## PHARMACEUTICAL

Cutting-Edge Technology for Microsphere Production:  
Overcoming Challenges in Pharma Applications



### THE APPLICATION SCOPE / PURPOSE

Microspheres are small spherical shaped particles ranging from 1  $\mu\text{m}$  to 1000  $\mu\text{m}$  in size. These microspheres are made from a variety of materials, such as polymers, lipids, proteins, or ceramics. These particles have several applications in various industries due to their unique properties and functionalities. In the cosmetic and personal care industry, for example, microspheres are used to give texture, enhance skin feel, and improve product stability. Microspheres are also used for paints and coatings, food, construction material, biotechnology and pharmaceutical applications. However, their production represents several challenges. Kinematica provides a cutting-edge technology for the production of stable microspheres.

Get full access to the Application Note by clicking this link:

**GET FULL VERSION**

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