

## Dr. Rich - Your Specialist for Emulsifiers for CBD Nanoemulsions

Ultrasonic emulsification is a superior technique to produce cannabis oil nanoemulsions. In order to make these ultrasonically prepared nanoemulsions long-time stable, the use of emulsifiers is required. The type of emulsifier, its concentration and use depend on the cannabis oil and its targeted properties.

Dr. Rich Sapienza is Hielscher's partner for emulsifiers and surfactants for high-quality cannabis nano-emulsions.



### About DrRich

DrRich is committed to providing prompt and accurate technical responses to customers regarding CBD formulation and extraction concerns. Apart from our website, we hope Technical Service is your first point of contact for assistance with general technical inquiries. We're happy to answer your questions and address your concerns anytime. If you have a question that can't be answered on our website pages, please submit your inquiry by email, and we'll get back to you as soon as possible.

Our company strength is our chemistry and market knowledge. DrRich partners with the world's leading manufacturers to bring customers a range of food and medical-grade commodity and specialty surfactants and emulsifiers for the CBD industry. However, in some cases you may even need to find the final answer by "trial & horror" with experiments before you make up your mind to choose a certain emulsifier in a certain system. DrRich recommends you answer some essential questions since there is no one single emulsifier or surfactant that will be suitable for every situation.

DrRich's philosophy is to continue to develop new and interesting products to help the CBD formulator bridge the demands of his product requirements.

### Get in Contact with DrRich!

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For questions concerning Hielscher's ultrasonic processors for cannabis extraction and cannabis oil emulsification, please contact us at [info@hielscher.com](mailto:info@hielscher.com)!

Read more about ultrasonic extraction of cannabinoids:  
<https://www.hielscher.com/fast-simple-ultrasonic-cannabis-extraction.htm>

Read more about ultrasonic nano-emulsification of cannabis oils:  
<https://www.hielscher.com/ultrasonic-cannabis-oil-emulsion.htm>

