

The background of the slide is a dynamic, high-speed photograph of water splashing, creating numerous bubbles and droplets. The water is clear and bright, with a blueish tint. The splash is centered and extends across the top and sides of the frame.

TC TECH

Product Portfolio CBD and other Cannabinoids

Our innovative approach and mission is to refine non-water-soluble ingredients by making them water-soluble and increasing their bio-availability.

Producers of cosmetics, food, and dietary supplements can extend the range of potential applications and address new markets.



Three Problems for Cannabinoid Producers

Problem 1

The market for cannabinoid oil and its applications is already quite saturated. Prices are decreasing continuously.

Problem 2

Cannabinoid oil is unsuited for a big range of applications due to its hydrophobic properties.

Problem 3

The bio-availability of cannabinoid oil is comparatively low.



The Solutions:

Solution 1

New application domains
open new market
opportunities with better
revenues and benefits

Solution 2

Water-compatible delivery systems will increase the bio-availability. This allows the development of new application formats.

Solution 3

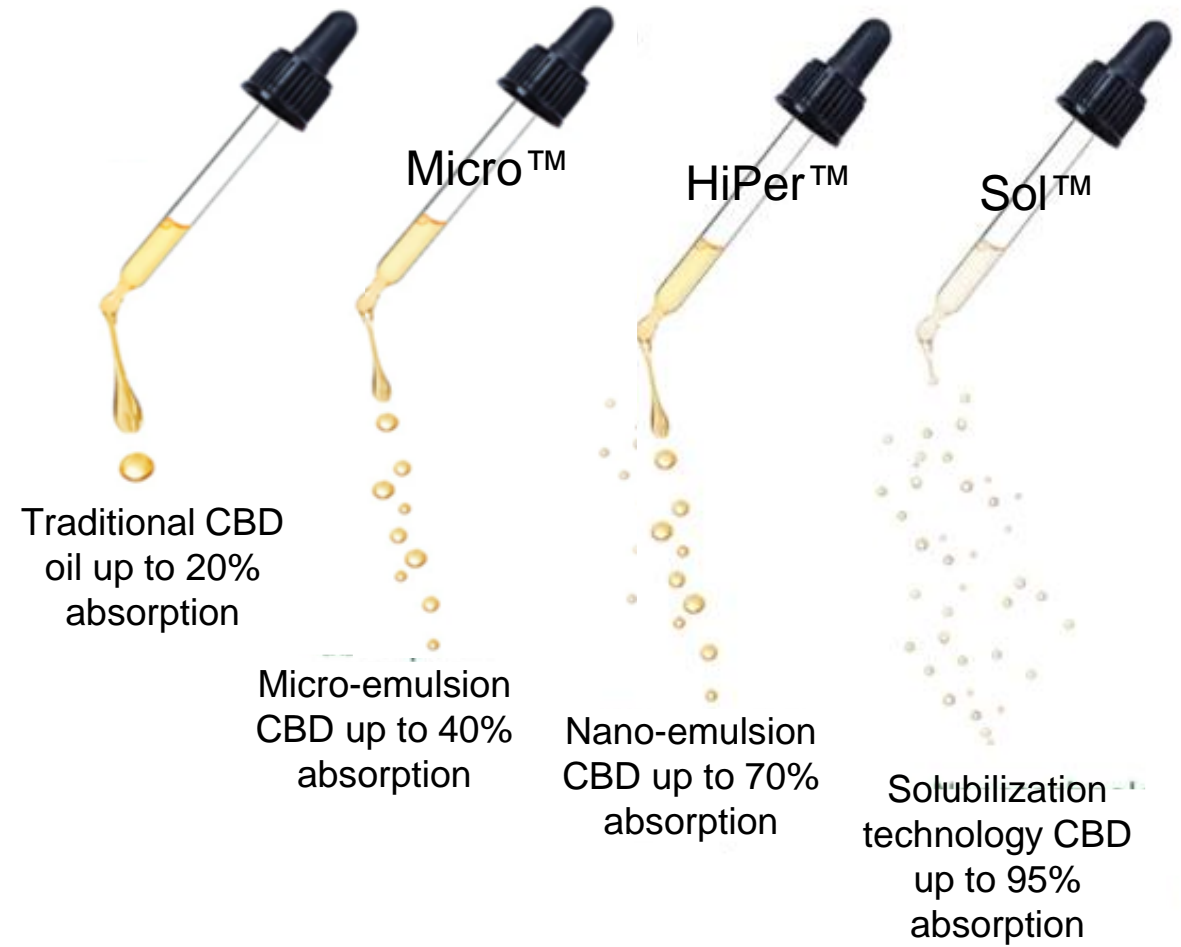
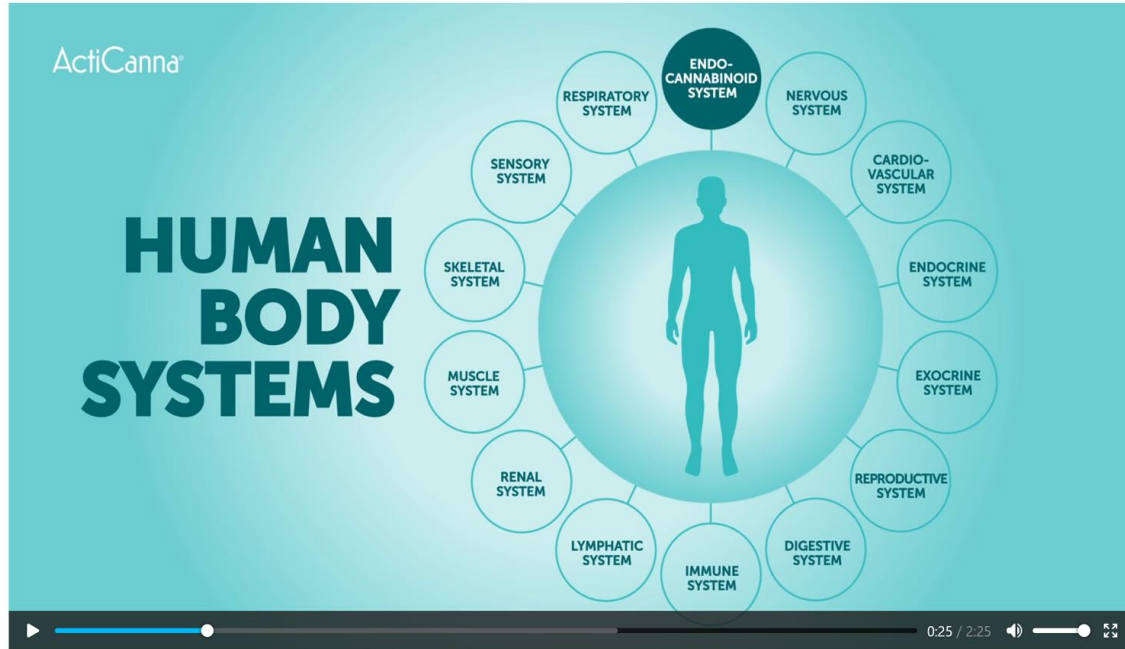
Bioavailability is directly related to particle size. We have developed three formats of water compatible products with increasing bio-availability



- **Canna Micro™ (Emulsification)**
- **Canna HiPer™ (Nanoemulsion)**
- **Canna Sol™ (Solubilization)**

We are different !

Water compatibility >>

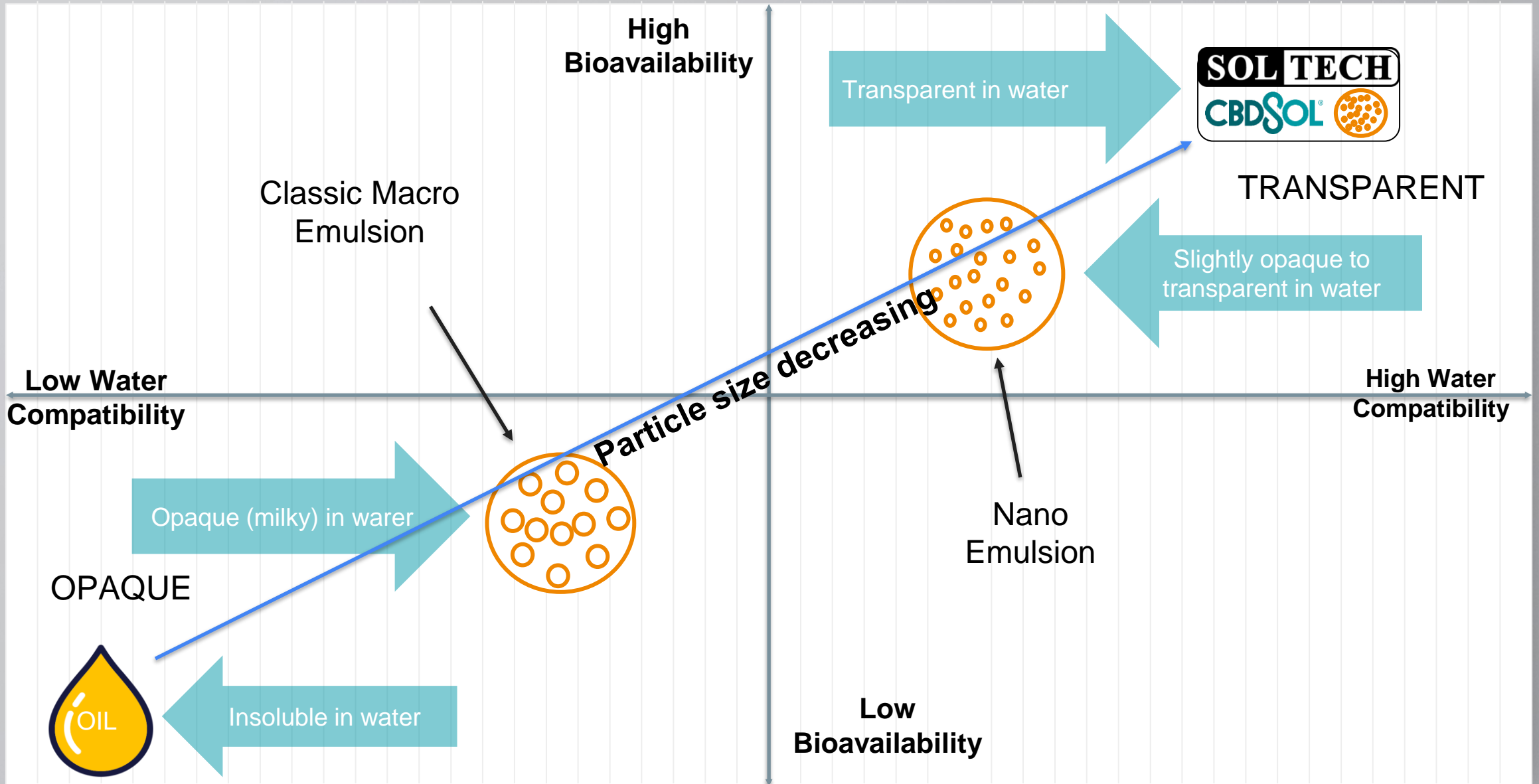


<https://acti-canna.com/wp-content/uploads/2022/03/CBD-SOL13.mp4>

Focus on medical aspects of disorders in the human body and deep understanding of cross synergy effects between **cannabinoids** and **essential oils** and **vitamins** (entourage effect).

The specific design of cannabinoid delivery systems depending on client needs and technological purpose.

CANNABINOID APPLICATION SYSTEMS ON MARKET



Micro™ Emulsion

Properties

- Up to 10% active ingredient
- Good bioavailability > 40%
- Natural ingredients
- Particle size 1 to 3 micrometer
- Relative mild taste, low bitterness
- Good Cost in Use

Applications

- Water based
- Spray, Drops
- Gummies and Jellies
- Drinks, cloudy Juices
- Sirups, Shots
- Body Care (creams)
- Cosmetics

HiPer™ Emulsion

Properties

- Up to 10% active ingredient
- Very good bioavailability > 60-70%
- High effectiveness
- Particle size 50 to 150 nanometers
- Typical taste, medium bitterness

Applications

- Water based
- Spray, Drops
- Gummies and Jellies
- Drinks (general use)
- Sirups, Shots
- Body Care
- Cosmetics
- Ointments

Sol™

Properties

- Up to 5% active ingredient
- Dissolves transparently in water
- Excellent bioavailability > 95%
- Highest effectiveness
- Particle size 10 to 20 nanometers
- Typical taste, medium bitterness

Applications

- Water based
- Spray, Drops
- Clear Drinks

The Best Comes At The End

We are creative and innovative

- Flavors + Emulsions
- Essential oil + Emulsions
- Fat-soluble and water-soluble vitamins, ingredients, plant extracts, colors + Emulsions
- Sweeteners, sugar kinds + Emulsions
- Addressing specific disorders by combining all of the above mentioned in an ALL-IN-ONE bulk product

We are service providers

- Tailor-made formulations for B to B industry
- Bulk manufacturing on demand
- Spray, Drops
- Clear Drinks
- Seewt goods et cetera

Call us or send us a mail

IF YOU ARE INTERESTED IN A NEW OPPORTUNITY, PLEASE CONTACT US.

We are at your disposal.



The solu(bilisa)tion to your problems

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