



# MCT Powder

(Medium Chain Triglyceride Powder)



GOOD LIFE PLANNING  
有限会社グッドライフプランニング

### Microencapsulation technology

Microencapsulation is a process in which ingredients are converted to micro-capsules, coated with a protective barrier against environmental effects to promote a stable finished product.

temperature

pH value

oxygen

Metal ions

Mold

Interaction



Functional material

Microencapsulation



Good liquidity

Increased solubility in water

Better taste and smell

Better bioavailability

High stability

More application opportunities

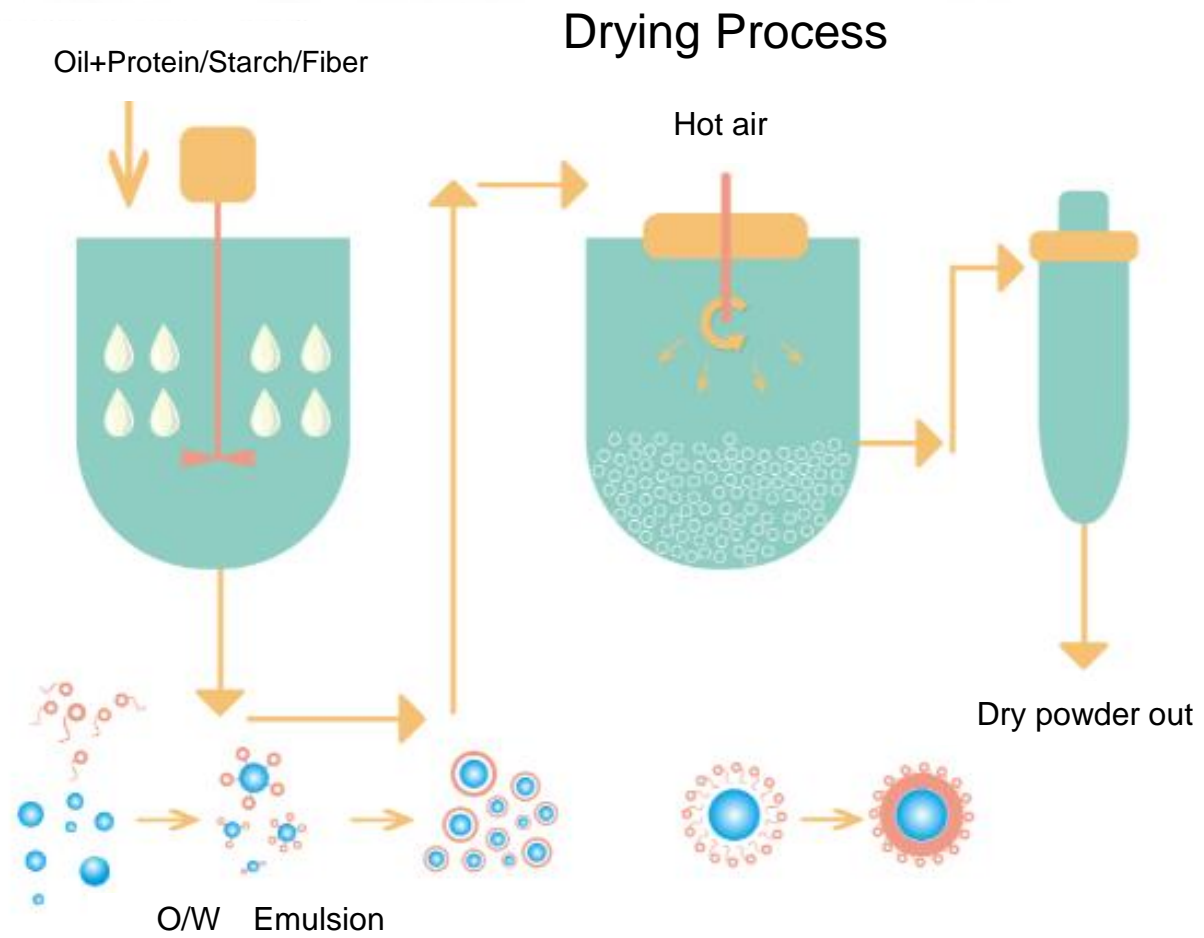
## Microencapsulation technology

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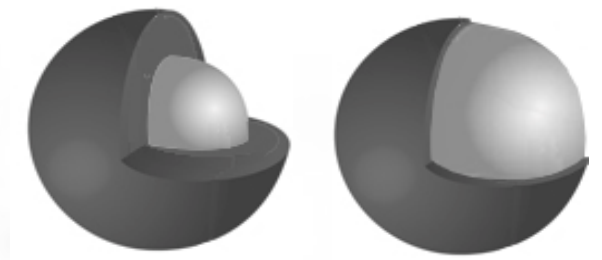
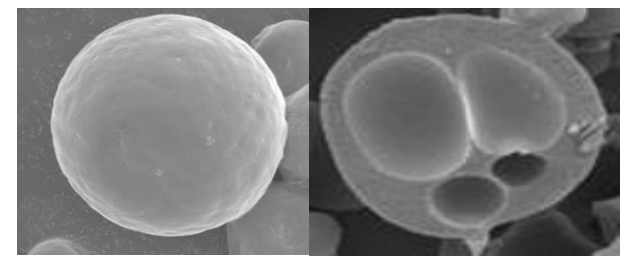
Raw material



Oil+Protein/Starch/Fiber



### Morphology - SEM



Oil Loading: Low → High

**Available Coating Material:**  
Sodium caseinate (milk), Modified starch (corn or tapioca), Arabic gum (Acacia), Pea protein isolate, etc.



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# MCT Powder

## Vegan Serise



No.	Product	Fat percentage	MCT source	C8/C10 ratio	Feature			
1	MCT Powder 50% CWD	50%	Palm oil or Coconut oil	60/40	- Vegan formula			
2	MCT Powder 70% CWD	70%			- MCT high content 70%	- Vegan formula		
3	MCT Powder 70% CWD-T	70%			- Clean label display	- No corn ingredients	- MCT high content 70%	
4	MCT Powder 70% CWD-A	70%			- Clean label display	- No corn ingredients	- MCT high content 70%	- High fiber content, low sugar, no carbohydrates
5	MCT Powder 60% CWD-PPI/SPI	60%			- Vegan formula	- With plant protein	- High fiber content, low sugar, no carbohydrates	





# MCT Powder Dairy Series



No.	Product	Fat percentage	MCT source	C8/C10 ratio	Feature
1	MCT Powder 70% WDP	70%	Palm oil or Coconut oil	60/40	<ul style="list-style-type: none"><li>- MCT high content 70%</li><li>- Milk protein formula</li></ul>
2	MCT Powder75% WDP-S	75%			<ul style="list-style-type: none"><li>- MCT high content 70%</li><li>- Milk protein formula</li><li>- High fiber content, low sugar, no carbohydrates</li></ul>



## Feature①: Product formula differentiation

- ◆ High fat content: MCT content is 70% - 75% .
- ◆ High fiber content: Except for MCT, fiber content is 25% - 30% .
- ◆ Low carbs, low sugar: There are various fibers, for example , oligosaccharide / inulin / corn fiber / gum Arabic .



## Feature②: Uniform and free flow fine particles



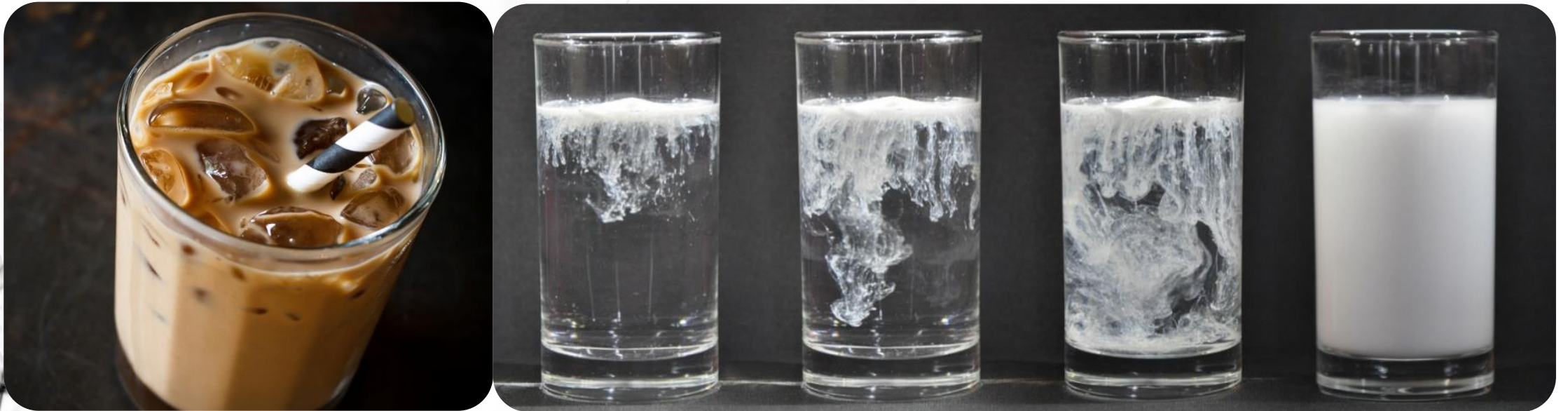
MCT Oil Powder is a white or off-white, free-flowing powder with superior flow properties.

- ◆ Do not lump
- ◆ No adhesions
- ◆ Uniform size
- ◆ Easy to save



## Feature③: Quickly dissolves in both cold and hot water

- ① Dissolves quickly in both cold and hot water
- ② Rapid dissolution in acidic, neutral and alkaline
- ③ Even dissolve in Solid drinks, milkshakes, shaved ice





## Feature④: You can enjoy a creamy texture without odor.

- ◆ Since the taste and smell of MCT oil powder is light, customers can freely season it according to their needs.
- ◆ High MCT content gives you a creamy texture





Ketone coffee / tea / creamy



Meal Alternatives-Solid Drinks,  
Milk Shakes



Solid drinks, energy bars,  
sports nutrition

## Quality Certification





# Thank You !

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