

DenEmul SOE Series

The Missing Ingredient providing optimized performance to your product.

DenEmul SOE from Denico Food Ingredients is a blend of texturizing ingredients providing stable soft oil emulsions. This series of stabilizers is designed to bind liquid vegetable oil in a variety of meat recipes.

It can be used in sausages, coldcuts and other emulsified meat products

Emulsions made with **DenEmul SOE** can be used immediately after producing as it does not require additional time for gelation.

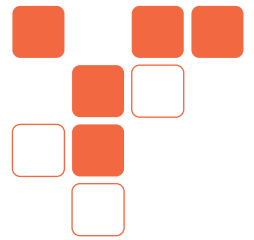


- **no setting time - can be used directly**
- **gives soft and spreadable fat emulsion**
- **designed to avoid water and fat separation**

Benefits

- Good emulsifying properties
- Improves water-holding capacity
- Improves texture
- Freeze / thaw stable
- Heat stable
- Cost optimization

Soft Oil Emulsion Solutions



Product Name	Properties	Process	Ratio DenEmul Vegetable oil Water
DenEmul 10.533	- animal fat replacement - high emulsifying capacity	cold	1:20:20 to 1:40:40
DenEmul SOE 12.061	- animal fat replacement - high emulsifying capacity - extended freeze/thaw stability - extended syneresis control	cold	1:20:20 to 1:30:30

Formulation - Soft Oil Emulsion

Ingredients	Ratio	End Product %
Water, max 10°C	20-40	
Vegetable oil	10-40	
DenEmul	1	
Total		

Process

1. Mix tap water with animal fat or oil in a bowl chopper at high speed for 30 seconds, then
2. Add DenEmul and mix at high speed for 2 minutes, until a smooth and homogenous emulsion is obtained
3. Emulsion can be used in the main recipe

We know how to utilize the power of functional ingredient solutions in knowledgeable formulations by optimizing yield, food safety, shelf life stability and to reduce cost in new developed and optimized products.



Grow your business with us

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