

Micromulse® Foam – FACT SHEET

Micromulse® Foam offers a natural alternative to synthetic foaming agents. This naturally derived, mild surfactant blend allows formulators to create oil-to-foam textures. The transforming oil-to-foam effect is made possible by microemulsion technology, which holds the surfactant in a stable, transparent formulation until water is added and the surfactant is released.



TECHNICAL INFORMATION

INCI	Sodium Cocoyl Amino Acids, Aqua, Coco-Caprylate/Caprata, Polyglyceryl-10 Laurate
Certification	ISO 16128 100% Natural origin, COSMOS Approved, RSPO MB
Origin	Vegetable based, Vegan, non GMO
Appearance	Pale yellow transparent liquid

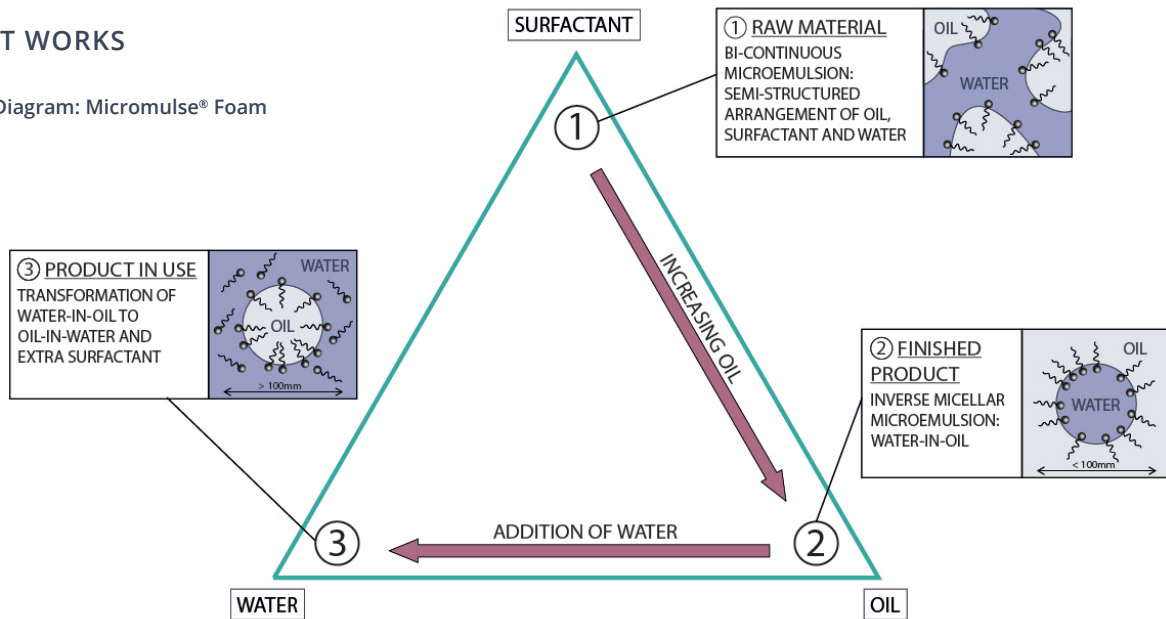
ORIGIN

Micromulse® Foam is based on amino acid surfactants, known for their mildness and moisturising properties. The amino acids are derived from a variety of vegetable sources including Rice, Barley and Wheat. Amino acids have the ability to bind water and contribute to skin moisturisation, forming part of the Natural Moisturising Factor (NMF).



HOW IT WORKS

Ternary Diagram: Micromulse® Foam



APPLICATIONS



Shower Oils



Haircare



Facial Skincare



Bath Oils

Micromulse® Foam



FORMULATING DETAILS

How to use Incorporate Micromulse® Foam slowly into the oil phase. Use gentle blade mixing (not homogenisation) and do not over stir the mixture. If all liquid components are used, the process can be carried out at room temperature.

Tips Keep pH between 4 and 10. Do not add additional water or glycerine to the formula as it may become unstable and also avoid any surface active agents. Any type of oil is compatible, the foam level and richness may depend on the oil used.

RECOMMENDED USE LEVEL



To make a water dispersible oil

10%



For an Oil-to-Milk product

15%



For a foaming oil product

20-30%

USING MICROMULSE® FOAM IN HAIRCARE

Micromulse® Foam is an ideal ingredient for haircare:

- It uses a mild, amino acid based surfactant so does not strip hair of moisture.
- The oil provides a moisturising barrier on the hair.
- Works well with your usual conditioner.

Washed 3 times with a conventional SLES/CAPB shampoo



Washed 3 times with a Micromulse® Foam shampoo

