

## Micromulse® Foam

### DEFINITION

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.

### ORIGIN OF THE RAW MATERIALS

The product is manufactured from raw materials of strictly vegetable origin.

### PRODUCT DETAILS

Commercial Name: Micromulse® Foam

INCI: Sodium Cocoyl Amino Acids, Aqua, Coco-Caprylate/Caprates, Polyglyceryl-10 Laurate

INCI NAME	CAS #	EC #
Sodium Cocoyl Amino Acids	68188-38-5	614-365-4
Aqua	7732-18-5	231-791-2
Coco-Caprylate/Caprates	95912-86-0	306-082-7
Polyglyceryl-10 Laurate	34406-66-1	806-922-7

### APPLICATIONS

- Cleansers
- Make-up remover\*
- Hair care
- Shower Products

### USE LEVELS / GUIDELINES FOR USE

- 10-30%\*, 10% for improved rinse off, up to 30% for high foam
- Use at room temperature
- Shake/stir well before use
- Keep final formulation between pH 5 – 7

\*For applications intended to be used directly around the eye, we recommend a maximum use level of 5%. Consult a safety assessor for further application/formulation-specific advice and recommendations.

### KEY PROPERTIES

- Preservative free
- Easy to use liquid
- Can be used at room temperature
- Mild & safe to the skin

# Micromulse® Foam

## STORAGE

Keep away from moisture by storing in tightly closed containers away from extreme temperatures. Shake/Stir before use.

## PACKAGING

5kg 100% HDPE Pails, 25kg 100% HDPE Pails.

## SAFETY

For information on the safety of this product, please consult the material safety data sheet (MSDS).

## SHELF LIFE

Micromulse® Foam has an 18-month shelf life.

The product should be re-analyzed after an 18-month storage period under recommended storage conditions.

## SPECIFICATION

<b>Appearance</b>	Colourless – Pale-Yellow Oily Liquid
<b>Smell</b>	Characteristic
<b>Specific Gravity @20°C</b>	1.00-1.10
<b>pH @20°C</b>	5-7
<b>Viscosity @20°C (cps)</b>	200-600
<b>TVC Bacteria (cfu/g)</b>	<10
<b>TVC Yeast &amp; Moulds (cfu/g)</b>	<10