Foaming Proteins
Conditioning + Moisturizing + Mild Foaming

Suggested Use Levels: 1.0-10.0%

Suggested Applications: Moisturizing, Conditioning, Mild Foaming
Foaming Proteins

Available Foaming Proteins

FSS Foaming Wheat PF
INCI Name: Sodium Cocoyl Hydrolyzed Wheat Protein

FSS Foaming Oat PF
INCI Name: Sodium Cocoyl Hydrolyzed Oat Protein

FSS Foaming Silk PF
INCI Name: Sodium Cocoyl Hydrolyzed Silk

FSS Foaming Soy PF
INCI Name: Sodium Cocoyl Hydrolyzed Soy Protein

FSS Foaming Rice PF
INCI Name: Sodium Cocoyl Hydrolyzed Rice Protein
Foaming Proteins

Sodium cocooyl moieties are mild compared to Sodium Lauryl Sulphate (SLS) and Sodium Laureth Sulfate (SLES).

Provide gentle cleansing and foaming properties.

The combination of hydrophobic fatty acids and hydrophilic proteins are an excellent surfactant. May improve skin compatibility with other surfactants. Interaction between protein-fatty acid condensate and skin’s collagen. Forms a protective layer to reduce excessive attack of surfactants.
Foaming Proteins

These proteins have elastic and binding properties that offer a wide range of applications

- Emulsifiers
- Soothe irritating effects of surfactants
- Film-former
- Firms
- Lifts
- Nourishes
- Smoothes
Foaming Proteins

Benefits

• **Our Foaming Proteins** are designed to provide moisturizing and conditioning benefits to the skin and hair

• It creates mild foaming and can be used as a natural surfactant

• Its gentle cleansing benefits make it perfect for sensitive skin and scalp care applications

• Enhances smoothing, wet and dry combability, anti-frizz overall feel, shine and hydration when used in hair care applications

**MW ranges between 3,000 – 5,000 Da**

We suggest maintaining temperature below 50°C.

Recommend pH: 4.0 – 6.5
Foaming Proteins

Foaming Proteins are capable of increasing foam height.

Foaming Proteins increase foam while reducing irritation potential.

Comparison made between the foam height of surfactants and surfactants mixed with 5% and 10% Foaming Rice.

- Tested Sodium laureth-2 sulfate
- Ammonium lauryl sulfate
- Blend of Magnesium laureth-2 sulfate (75%) and Disodium laureth sulfosuccinate (25%)