



**PERFECT THICKENING SOLUTION**  
**PERLASTAN**  
**Rheo2Green1**

**ONE OF THE CHALLENGES FOR FORMULATING GLUTAMATES IS THE FORMATION OF A STABLE MICELLAR THICKENING SYSTEM. WITH PERLASTAN RHEO2GREEN1, WE OFFER A READY-TO-USE SURFACTANT CONCENTRATE, BUILDING UP A REMARKABLE VISCOSITY WITH OUTSTANDING SKIN FEEL AND EXCELLENT RHEOLOGICAL PROPERTIES.**

INCI: Aqua, Lauryl Glucoside, Disodium Cocoyl Glutamate

After dilution of PERLASTAN Rheo2Green1 with water (approx. 1:3 to 1:5) and reducing the pH in a cold process, the viscosity will start to increase immediately, leading to desirable flow and foam behavior of cleansing formulations. The micellar thickening is responsible for the desired viscoelasticity absent when thickened with polymers such as gums.

- Rich fine-pored foam
- Outstanding micellar self-thickening at pH 4.8 – 5.0
- Cold processable
- Mildness to skin and eyes
- Good cleansing ability
- Free of sulfates, solvents, preservatives, fragrances
- Suitable for COSMOS, ECOCERT, BDIH, NaTrue, ECOLABEL standards

## COSMETICS

For mild rinse-off products with smooth skin feeling and excellent foaming properties.

## SKIN CARE

- Shower gels
- Facial cleansing gels
- Micellar water
- Liquid hand soaps
- Medical soaps
- Baby bubble bath
- Wet wipes
- Shaving gels
- Natural/green/certified cosmetics
- Sulfate-free rinse-off products

## HAIR CARE

- Mild baby shampoo
- Shampoos, conditioning shampoos

## HOME CARE

- Laundry detergents
- Mild surface cleaning
- Manual dish wash

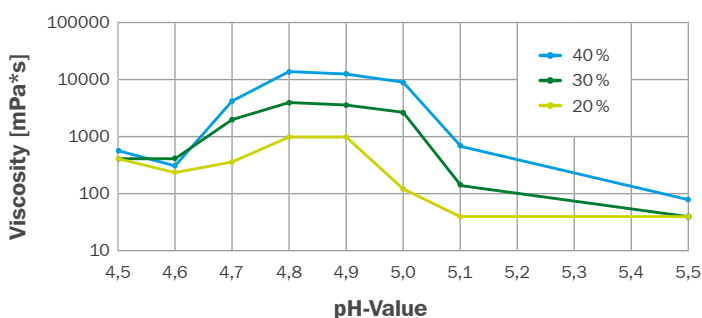
## PET CARE

- Dog shampoos
- Mild cleaning products for pets



Ingredients	Weight %
Aqua	49.5
<b>A</b> Perlastan Rheo2Green1 (Disodium Cocoyl Glutamate, Lauryl Glucoside)	45.0
<b>B</b> Panthenol	2.5
Chamomilla Recutita Extract	2.5
<b>C</b> Hydrolyzed Wheat Protein	0.5
<b>D</b> Citric Acid	qs to pH = 4.8
<b>E</b> Preservatives, Fragrances etc.	qs

Mix A and add B in listed order. Mix until formulation appears homogeneous. Add C while stirring and homogenize. Adjust pH with D and add E.



Viscosity behavior of Perlastan Rheo2Green1 at lower pH values.

For more information please contact:

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## TECHNICAL DATA

### APPEARANCE

Viscous colorless – yellowish

### TRANSPARENCY

Turbid

### pH

About 8.5 – 9.5

### VISCOSITY

600 – 2000 mPa\*s\*