

Technical Data Sheet

Rheo2Green1

Surfactant concentrate

Field of Application: Natural and organic cosmetics, household and I&I cleaner, pet care

Properties:

Rheo2Green1 is a surfactant concentrate, which after dilution with water (in a ratio of approx. 1:3 to 1:5), can be thickened by reduction of pH in a cold process. This dramatic increase of viscosity leads to favourite flow and foam behaviour of cleansing formulations. Resulting rheological properties are based on pure micellar thickening, which is responsible for the desired viscoelasticity missed by thickening with polymers, such as gums.

- Rich fine-pored foam
- Outstanding micellar self-thickening at pH < 5.5
- Cold processable
- Buffer capacity at pH of skin
- Mildness to skin and eyes
- Good cleansing ability
- Applying for certified cosmetic formulation
- High biological degradability
- Environmentally friendly
- Free from preservatives, fragrances and solvents
- Sulphate free

Application: As cleansing surfactant blend for high foaming, transparent formulations with effective micellar thickening

Composition: INCI: Aqua, Lauryl Glucoside, Disodium Cocoyl Glutamate

Product Characteristics:	Supplied form	viscous liquid*
	Colour	colourless –yellowish*
	Transparency	opalescent*
	pH value (10%)	8.5 – 9.5*
	NaCl-content	< 4.0 %
	Dry substance at 105°C	41 – 44 %*
	Microbiological status: total colonies	<100 cfu/g

*specified values

Guide Formulation:	Recommended use concentration: 25 – 50 % Please request the Schill + Seilacher “Personal Care Formulation Guide” and “Household and I&I Formulation Guide”
Regulatory Information:	Please request the corresponding regulatory data sheet
Shelf Life:	12 months after date of despatch
Storage Conditions:	<ul style="list-style-type: none"> • Store at room temperature • Store in closed container • Stir thoroughly before use • During storage at low temperatures more intensive turbidities or solidification may occur which is completely reversible by means of stirring at room temperature.
Packaging:	Drum of 220 l (180 kg net) IBC of 1000 l (900 kg net) Sample: 1 kg

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