

## PERSONAL CARE



# RHEOSTYL™ 85 L

INCI: Acrylates copolymer

## Clarity and suspended particles for low pH formulas

**RHEOSTYL™ 85 L** is a rheology modifier specifically designed to provide excellent clarity, suspension and thickening to low pH cleansing products formulated with natural preservatives. **RHEOSTYL™ 85 L** is versatile and easy to formulate with a one step neutralization process and no need for the back-acid technique.

**RHEOSTYL™ 85 L** is listed in the Chinese IECIC.

### • TYPICAL ANALYSIS

**INCI:** Acrylates Copolymer

**Nature:** Acrylic copolymer in aqueous dispersion

**Appearance (20°C):** Low viscosity white milky liquid

**Solids content (%):** 28

**Specific gravity:** 1.06

**pH (20°C):** 3

**Residual Ethyl Acrylate:** < 1 ppm

### • ADVANTAGES

- **Outstanding Clarity:** **RHEOSTYL™ 85 L** produces highly transparent formulas from pH 4.
- **Excellent Suspension Power:** **RHEOSTYL™ 85 L** can suspend any types of insoluble particles, beads, glitters, air bubbles...
- **Elegant Texture:** **RHEOSTYL™ 85 L** provides highly efficient thickening and elegant textures with smooth flow.
- **Surfactant Compatibility:** **RHEOSTYL™ 85 L** shows an excellent compatibility with mild as well as sulfate-free surfactants, both ionic and non-ionic.
- **pH Versatility:** **RHEOSTYL™ 85 L** performances are optimum from pH 4 to 6
- **Easy-to-Use Liquid Form:** **RHEOSTYL™ 85 L** is a low viscosity aqueous dispersion that readily disperses.

### • APPLICATIONS

- Clear shower gels & shampoos with suspended particles
- Clear exfoliating facial cleansers
- Clear liquid hand soaps
- Mild and sulfate-free formulas
- Pearlescent shower gels & shampoos

A starting point formulation guide is available upon request

### • STORAGE

**RHEOSTYL™ 85 L** is irreversibly damaged when frozen. It should be protected from the effects of weathering, stored between 5 and 40°C and protected from direct sun exposure. Once opened, packaging should be resealed immediately after use. In these conditions, products should be used within 12 months following the date of manufacture.

Film-forming at the surface of the product and/or sedimentation at the bottom of the packaging may happen. These phenomenon are normal and have no impact on the level of performances as long as the product meet the specifications. If necessary, filter the product prior to use.

### • STANDARD PACKAGING

- 20 kg pails
- 200 kg drums

### • HEALTH & ENVIRONMENTAL DATA

Please refer to the Safety Data Sheet.

Website: [www.coatex.com](http://www.coatex.com)

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