

Repoly 715

INCI name:

Hydroxyethyl Acrylate / Sodium Acryloyldimethyl Taurate Copolymer & C13-14 Isoparaffin & Laureth-7

General Information:

Repoly 715 is a cold process available polymer emulsifier and thickener with fresh and easy to melt skin feeling. The emulsifier with excellent safety and more extensive of usage scope should cause special concern of cosmetic formulators. Used in self-tanning, skin care, hair care, make-up and hygiene.

Specification:

Item	Specification
Appearance	Milky liquid
Solid content (% , 150°C)	33.0-37.0
Emulsion Viscosity (mPa·s, 25°C)	800-4500
Viscosity (mPa·s, 25°C, 3%water soln.)	50000-90000

* These values indicate typical specification; they are not intended to be used as product specifications.

Benefits:

- Without residual acrylamide monomer.
- Can facilitate the cosmetic formulator's work, and provide a very special skin feeling.
- In easy-to-use liquid form, with no need for prior neutralization.
- Cold process available, suit for the special formula with heat-sensitive ingredients

- Capable of thickening aqueous media over a very wide pH range.
- Can be used in different viscosity cosmetic formula, from spray lotion to cream.

Application :

- Makeup
- Sunscreen Products
- Facial Mask
- Makeup Remover
- Spray Lotion

Formula guidelines

Option 1. Blend Repoly 715 with oil phase. Add them into water phase. Mix them until uniform.

Option 2. Heat oil phase and water phase separately to 75-80°C. Add oil phase into water phase while mixing. Then add Repoly 715 into the emulsion at 60°C. Homogenize moderately for 15-20 minutes.

Dosage:

Typically used at a level of

Used solely: 2.0~5.0%.

Used with other emulsifier: 0.2~2.0%

Storage & Handling :

Standard Packing: 35kg/drum

Storage: Keep in Cool, Dry, Ventilated and Lightless Place.