

Emulsifying Gel 305

INCI Name: Polyacrylamide (&) C13-14 Isoparaffin (&) Laureth-7

CAS Numbers: 9003-05-8, 68551-20-2, 3055-97-8

Description:

Emulsifying gel 305 is a blend of Polyacrylamide and C13-14 Isoparaffin and Laureth-7 in water. The blend contains a lightly cross-linked, highly branched polymer and very low levels of high HLB emulsifiers. Emulsifying gel 305 performs as a multifunctional ingredient that modifies rheology, stabilizes, emulsifies, co-emulsifies, and suspends while enhancing sensory properties. As an emulsifier, it is easy to use and can work as either a primary or auxiliary emulsifier in oil-in-water emulsion systems depending upon the polarity of the oil phase ingredients.



Technical Data:

Analysis	Standard Specification
Appearance	Milk White
Solid Content (%)	45-49%
Emulsion Viscosity	1500-4500
2% Water Solution Viscosity	60000-90000
Residual Acrylamide Monomer (ppm)	2 Max
pH	5.0-8.0

Applications:

Used in the following products: color cosmetics, facial cleansers, hair care, skin care, sun care, acne treatment and ethnic hair care.



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