

Gelmaker EMU

FACT SHEET

Description: Preneutralized polymer in an inverse emulsion that forms hydro-swelling droplets (HSD) in water. Translucent, slightly viscous liquid. pH: 5-7 (2 % aqueous gel). CAS# 77019-71-7 / 4390-04-9 / 9005-65-6.

INCI Name: Sodium acrylate / acryloyldimethyl taurate copolymer / isohexadecane/ polysorbate 80.

Properties: Excellent thickener by forming gels over a wide pH range (4-12), emulsifies all kinds of oily phases (up to 40%) incl. silicones & vegetable oils without the addition of a conventional emulsifier, able to produce cold emulsions, stabilizes emulsions & maintains the viscosity of a formula, gives light & pleasant texture to spread on skin.

Use: Emulsions: 0.5 - 2 % (can be added into fat or water phase, or at the end of emulsification at temperatures of 70-75oC); gel creams: 1 - 5%.

Applications: Gel-creams, emulsion-gels, cold emulsions, lotions, creams, skin-whitening /self-tanning products, sun care & baby care products, mascara, foundations.