10800 231st Way NE
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GelMaker® EMU

Specification Sheet

Description: Pre-neutralized polymer in an inverse emulsion that forms hydro-swelling droplets (HSD) in water.

CAS: 77019-71-7, 7732-18-5, 93685-80-4/ 4390-04-9, 9005-65-6

INCI Name: Acrylate/Sodium Acryldimethyl-Taurate Copolymer, Water, Isohexadecane, Polysorbate 80

Composition: Acrylate/Sodium Acryldimethyl-Taurate Copolymer, Water, Isohexadecane, Polysorbate 80, Sorbitan Oleate

Appearance: Translucent, slightly viscous liquid.

Benefits:

- Excellent thickener by forming gels over a wide ph range (4-12).
- Emulsifies all kinds of oily phases (up to 40%) including silicones and vegetable oils without the addition of a conventional emulsifier.
- Able to produce cold emulsions.
- Stabilizes emulsions and maintains the viscosity of a formula.
- Gives light and 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. Needs good mixing with hand mixer to get smooth creams. Gel creams: 1-5%. When using over 3% use at least 12% oils for best performance. For external use only.

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

Solubility: Dispersible in water.

Preservation: Preservative-free

Storage: Store in a closed container at a dry place at room temperature.

Country of Origin: France

Raw material source: Sodiumacrylate, sorbitol, vegetable oils, petroleum derivatives.

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Manufacture: The copolymer is made by polymerization of sodiumacrylate and sodium acryloyldimethyl taurate monomers. Isohexadecane is made in a multi-step process to form a branched C16 hydrocarbon from petroleum derivatives. Polysorbate 80 is obtained by esterification of sorbitol with one or three molecules of a fatty acid including stearic, lauric, oleic, and palmitic acid.

Animal Testing: Not animal tested.

GMO: GMO-free

Vegan: Does not contain animal-derived components.

HS Code: 3402130000