10800 231st Way NE
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GelMaker® NAT

Specification Sheet

Description: Patented and sustainably designed thickening, stabilizing, and texturizing polymer providing high technical performance for a variety of skin care and makeup products. Oils and surfactant are from vegetable origin (61% natural origin content). Easy-to-use, cold-processable, pre-neutralized liquid. Can be used as the primary emulsifier to stabilize up to 35% oil phase. Useful in a wide pH range from 5-12. Biodegradable.

CAS: 7732-18-5, 64742-46-7, 51033-38-6, 36675-34-0

INCI Name: Sodium acrylate/Sodium acryloyldimethyl Taurate Copolymer, Water, C15-19 Alkane, Polyglyceryl-6 Laurate, Polyglycerin-6

Composition: Sodium acrylate/Sodium acryloyldimethyl Taurate Copolymer, Water, C15-19 Alkane, Polyglyceryl-6 Laurate, Polyglycerin-6, Sorbitan Oleate, Sorbitan Isostearate

Appearance: Opaque liquid, faint odor

Benefits:

- Effective thickener by forming gels over a wide ph range (4-12).
- Emulsifies all kinds of oily phases (up to 35%) including silicones and vegetable oils without the addition of a conventional emulsifier.
- Able to produce cold emulsions.
- Allows formulation of finished products with high percentage of naturality and biodegradability.
- Compatible with essential oils.
- Stabilizes emulsions and maintains the viscosity of a formula.
- Gives a smooth, nude skin feel with non-sticky texture.

Use: Add to oil phase of formulas. Typical concentration 1-3%. Needs good mixing with hand mixer to get smooth creams. For external use only.

Applications: Gel-creams, emulsion-gels, sprayable aqueous 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.

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Country of Origin: France

Raw material source: Sodiumacrylate, sorbitol, vegetable oils

Manufacture: The copolymer is made by polymerization of sodiumacrylate and sodium acryloyldimethyl taurate monomers. Polyglyceryl-6 laurate is made by reacting glycerol with lauric acid. Polyglycerin-6 is obtained by polymerization of glycerin.

Animal Testing: Not animal tested.

GMO: GMO-free

Vegan: Does not contain animal-derived components.

HS Code: 3402130000