

## 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 5.5 to 12. Biodegradable. Liquid. pH: 5.5.

**CAS:** 64741-76-0, 51033-38-6, 36675-34-0

**INCI Name:** Sodium acrylate/sodium acryloyldimethyl taurate copolymer, C15-19 alkane, polyglyceryl-6 laurate, polyglycerin-6

**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.

**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 but not certified

**Vegan:** Does not contain animal-derived components