

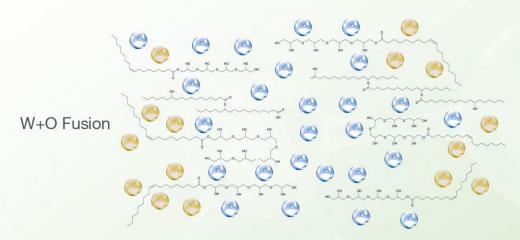
PolyAquol™-VO4 is a new, patented technology in the field of emulsions. Unlike standard emulsifiers, it literally creates a Water-and-Oil Fusion; W+O. Our W+O technology was developed based on synergistic interactions between polyglycerol derivatives of oleic acid and polyhydroxystearic acid. In addition to being completely natural as per its Cosmos certification and palm-free origin, it performs even in the presence of 100% vegetable oil. PolyAquol™-VO4 is an easily pourable liquid that allows the formation of cold-process emulsions. Its particularity to accept more than 80% of the internal water phase brings full control to the viscosity of the final emulsion. It can create stable emulsions when used in a concentration as low as 2% and surpasses competitors in robustnessand sensoriality. PolyAquol™-VO4 is perfectly suited for sunscreen and makeup formulations containing powders and pigments.

Technical information

- INCI: Polyglyceryl-4 Oleate, Polyglyceryl-6 Oleate, Polyhydroxystearic Acid
- · Viscous amber liquid
- · Cold process W+O emulsions
- · Emulsion without co-emulsifier addiction
- High amount of water phase (>80%)
- · Compatible with 100% vegetable oils
- Compatible with oils of various polarity and chemistry
- · Superior sensorial profile and elegant texture
- Dispersing properties for inorganic UV filters and pigments
- · Low energy systems
- Recommended use level: 2-7%
- Wide range of pH (3-9)

Applications

- Skin care
- Sun care
- Make-up















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