



Product information

Lubricant

Dated: 2012-07-15

『Hydrojel OILPFKC』

1. INCI Name(CAS No.)

INCI Name : Glycerin and Glyceryl Acrylate/Acrylic Acid Copolymer and 1,2-Hexanediol
and PVM/MA Copolymer
CAS No: 56-81-5, 9003-01-4, 6920-22-5, 9011-16-9
EINECS: 200-289-5, 201-177-9, 230-029-6, N/A

2. PRODUCT DESCRIPTION

Hydrojel OILPFKC is paraben free version of Hydrojel OILKC, containing 1,2-Hexanediol instead of paraben. Hydrojel OILPFKC is an excellent moisture-balancing agent, its most noted property is its remarkably similar feel to silicone oils. This unique property is due to the complex between the two copolymers. Hydrojel OILPFKC is an excellent lubricant and lends such characteristics as spreadability, moisturization and silky after-feel to creams, lotions and sun care products.

3. Feature & Benefit

Non drying & water soluble lubricant.
Synthetic or vegetable origin.
Superior moisturizer and lubricant.
Increase moisture balance and add lubricious feel.

4. Dosage & Application

Primarily, it may be used at concentrations between 3% and 5% in hand lotions for a superior after-feel as well as excellent spreading and a super feel upon application. Where a washable formulation is desired, Hydrojel Oil may be substituted for silicone oils. The formulation will still have the lubricity and silky feel as observed with formulations containing silicones.

5. Specification

Appearance	: Clear, colorless, low viscosity liquid
pH (22°C)	: 5.0-6.0
Viscosity (22°C) (Brookfield RVT, #3, 50rpm)	: 500-1,600cps
Refractive Index (20-24°C)	: 1.380-1.410
Arsenic	: 2ppm Max
Heavy metal	: 20ppm Max
1,2-Hexanediol	: 0.5%

6. Packing : 20kg PE BUTT