Applechem Formulary - Hair Care



ArganFlex Hold Conditioning Gel (H-SX 005)

A lightweight, 3-in-1 hair gel that provides glossy shine, more natural-looking hold and superior conditioning.

OleoFLEX are film forming elastomeric texturizers for natural oils. They increase water resistance and lock the UV actives and natural oils onto the skin. The combination of EG 200 and FG 100 offers a wide range of possible textures and structures, from flexible flowing gels to bouncy micro-sponges.

The **OleoFLEX** soft film seals the hair cuticles and provides long wear emolliency. It also minimizes flyaways and frizz, leaving the hair smoother and more naturally vibrant.

The unique texture of **OleoFLEX** makes hair soft and "super flexible", resulting in natural look.

Specifications

- Viscosity at 5 rpm: 210,000 cP
- **●** pH: 5.5
- 50°C oven: 1 month stable
- Freeze-Thaw: Passed 3 Cycles

Processing Method

- 1. Heat and mix Phase A_1 while adding A_2 . Heat up to 75 Celsius.
- 2. Heat and mix Phase B to 75 Celsius.
- 3. Add Phase B to Phase A at 750 rpm for 5 minutes without continous heating.
- 4. Add Phase C at 750 rpm and move around to help gelling process.
- 5. Add Phase D when cool down to room temperature.

PHASE	INCI NAME (TRADE NAME)	USAGE (WT%)
A ₁	Water	89.75
	Glycerin	2.00
A ₂	Acrylates/C10-30 Alkyl Acrylate Crosspolymer (Carbopol® Ultrez 21)	0.50
В	Stearyl Stearate	0.25
	OleoFlex EG-200	0.40
	OleoFlex FG-100	3.40
	Argania Spinsosa (Argan) Oil	3.50
C	18% NaOH solution (to pH 5.5)	0.20
D	Preservative	Q.S.
	Fragrance	Q.S.

Create Possibilities

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