

iQUAT 73

INCI Name (US): Polyquaternium 73 and Dicaprylyl Ether and Polyglyceryl 10 Dilaurate.

INCI Name (EU): Polyquaternium 73 and Dicaprylyl Ether and Polyglyceryl 10 Dilaurate.

CAS #: --- (and) 629-82-3 (and) 34406-66-1

General Information/ Characteristics: **iQuat 73** is an emulsifying-thickening polymeric system for water in oil emulsions for hair care productions.

Benefits / Application: Benefits:

- ♦ Safe substance using non-toxic natural ingredients.
- ♦ Free of acrylamide, ethylene oxide and mineral oil.
- ♦ Ready to use, pre-neutralized polymer working at a wide pH range.
- ♦ High salt tolerance
- ♦ Stabilize cationic actives
- ♦ Excellent compatibility with polar organic solvent like ethanol.
- ♦ Optimized for use in the presence of cationic and non-ionic ingredients
- ♦ Excellent performance for hair care formulations (Thickening and Substantive)
- ♦ Good emollience and texture

Application:

A wide range of personal care formulations:

- ♦ Cationic thickener, used to leave on hair care type product.
- ♦ Performance of hair care formulations, providing thickening and conditioning (Shampoo, Conditioner, Lotion, Gel, etc.)
- ♦ Skincare: Skin lotion, Suntan, Make-up remover, etc.

Formulations Advices: Dosage: 2 ~ 4%

Regulatory Status: No applicable

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Physic-Chemical Properties:

Appearance	Fluid emulsion
Color:	White
pH value (25 °C, 2% soln)	3.5 – 4.5
Viscosity (25°C, 2% soln, mPa·s)	70,000 – 90,00 cps
Viscosity (Neat):	1,500 - 5000 cps
Solid content:	40 – 50%

**These values indicate typical specification; they are not intended to be used as product specifications*

Additives:

Preservatives: No applicable

Shelf Life / Storage Conditions

Normal temperature and normal pressure. Protect from heat and direct sunlight.
Keep container Sealed. Requirements to be met by store rooms and receptacles.

Packaging:

20 kg Pail

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Version:

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