



azienda chimica e farmaceutica

SPECIFICA TECNICA

Prodotto: **POLYQUATERNIUM 7 (K427)**

NOME INCI	Polyquaternium-7, Aqua
NOME INCI USA	Polyquaternium -7, Water
CAS	26590-05-6

SPECIFICA	METODO	Lim. Inf. - Lim. Sup.	u.m.
Aspetto 25°C	MA-083	liquido	
Colore		incolore a giallo chiaro	
Identificazione IR	Interno	conforme	
pH	MA-003	6,0 - 7,0	
Viscosità (25°C)	MA-005	<10.000	cPs
* Solidi	MA-002	33,00 - 44,00	%
Revisione Capitolato		3	
Data Approvazione		28/09/2015	

* saggi non obbligatori

Gli eventuali metodi d'analisi non riportati sono metodi interni del produttore ottenibili su specifica richiesta

Le informazioni sopra riportate non Vi sollevano dall'obbligo di identificare il prodotto prima dell'impiego. La nostra società non si assume alcuna responsabilità per danni a persone o cose derivanti dall'impiego dei prodotti da noi commercializzati



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PROFITS:

Contributes to luster and a soft, silky feel and provides excellent slip, slipperiness and snagfree wet combability in hair care products.

Compatible with most anionic and amphoteric surfactants and provides superior conditioning properties for products with extreme pH ranges.

Helps to hold curl without curling. In skin care products, imparts a smooth, velvety feel; reduces tightness after drying skin. In addition, it contributes to slipperiness, which can help to make these products easier to apply.

Provides excellent moisturization. Liquid cleansing products acquire richer foam with improved stability.

PREPARATION and DOSAGE:

In most of cases this product must be dissolved in water prior its use in the application.

Its dissolution is very fast if procedure conditions are adequate. When formulating clear products, increasing the level of betaines will help to improve clarity. Suggested starting concentration: 1.0% (shampoo and conditioner), 1,5% (skin care products)

HANDLING, STORAGE and STABILITY:

Take the habitual precautions when handling a chemical product.

Avoid the product to contact with the eyes, skin or clothes. The product is considered to be valid for the application up to 12 months after its manufacturing, though we recommend consuming it in the first 6 or 8 first months. In spite of this, longer storage times do not invalidate the product. Storage conditions are important; we recommend doing it in a covered place, protected from moisture.

Avoid extreme temperatures, above 40 °C and below 10 °C.

CERTIFICATIONS:

- The product meets the all the requirements from the European regulation REACH. All its ingredients have been preregistered, registered, or are exempt from registration.
 - This product does not contain any substance listed in the Annex II of Regulation (CE) 1223/2009 and meets all the requirements this regulation establishes for the cosmetic products.
 - None of the allergenic substances listed in Annex II and III of Regulation (CE) 1223/2009 is contained in the product. It does not contain any latex ingredient.
 - This product does not contain carcinogenic, mutagenic, or toxic for reproduction substances, except for residual acrylamide. The residual acrylamide content in the product is always below 0.005%. This low level ensures a full observance of the Directive 76/768/EEC - Annex III; which demands that acrylamide in the final cosmetic product be below 0.1%.
 - This product does not contain substances of animal origin, it has not been tested in animals, and it does not contain phthalate derivatives. Therefore it is a BSE free product.
 - This product does not contain any substance coming from a genetically modified organism (GMO).
 - This product does not contain glycol esters within its composition.
 - Eye irritation. Evaluation made in Vitro. No citotoxicity was observed; eye irritation risk is moderate.
 - Skin irritation. Evaluation made in Vitro. This product is considered not skin irritant.
 - This product is a water soluble polymer in aqueous solution. Therefore it does not contain VOC.
 - This product does not contain: Nanomaterials, BHT, Butyl-hydroxytoluene, BHA, Butyl-hydroxyanisol.
- Heavy metals, Nickel or nickel derivatives, Pesticides, mycotoxins, aflatoxins, mercaptans.

PRESERVATIVES:

0.5 % sodium benzoate

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