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Product Information: SPI-PQ6

Polyquaternium-6

Introduction:

SPI-PQ6 is a solution of the charged cationic homopolymer of diallyldimethyl ammonium chloride. It has a great water solution stability, while not becoming a gel and keeps stable in the wide PH range. It can be used in hair and skin care products.

Sensory Features:

- Soft and Silky Feel
- Excellent Slip, Lubricity
- Excellent wet combability
- Excellent dry combability

Functional Features:

- Imparts a smooth, velvety feel
- Reduces tightness after drying skin
- Provides excellent moisturization
- Enhances spread-ability of products
- Liquid cleansing products acquire richer, thicker, and more stable

Specification	Typical Properties	Method
Appearance @ 25°C	Clear Light Yellow	
Color APHA	125 max	Lovibond
Contents (Total Solids),%	39 – 44	Moisture Determination Balance
Residual DADMAC Monomer	6% Max	Liquid Chromatography
Viscosity, CPS	8,000 – 12,000	Brookfield, LV #63, rpm 6
pH	5.5 – 7.0	25°C
Molecular Weight	150,000	GPC

Toxicological Information

Eye Irritation: No data
Skin Irritation: No data
Long Term Toxicity No data

Transport:

Labeling: Product not classified as hazardous according to international transport regulations.

Applications:

- Skin care products
- Moisturizing creams
- Lotions
- Bath gels
- Soap bars
- Shaving products
- Antiperspirants
- Deodorants

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