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Arlington, Texas 76011
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Product Information: SPI-PQ80

INCI Name: Quaternium-80

Description:

SPI-PQ80 is a silicone quaternary compound for use as a conditioning and cleansing agent for hair and skin care products. SPI-PQ80 is used in the formulation of shampoos, hair rinses, liquid soaps and shower gels. Due to its cationic nature, this product is substantive to hair and skin. It is also compatible with anionic surfactant.

Benefits:

- ❖ Improved wet and dry combing in shampoo.
- ❖ Conditioning agent giving soft silky feel that is non greasy.
- ❖ Gives gloss and antistatic properties in hair care products.
- ❖ Gives smooth silky feel to the skin in skin cleansing products.

| Specification | Range |
|----------------------|------------------------------|
| Appearance @ 25°C | Clear Liquid |
| Color (Gardner) | 6 Max |
| Viscosity (25°C Cps) | 500 - 1000 |
| Active Content % | 46-50% |
| Composition | Silicone Quaternary Compound |
| Water Solubility 5% | Clear and Soluble |

Usage Level:

Used at levels of 0.2-2 wt%

Packaging & Shelf Life:

SPI-PQ80 is packaged in a 200 KG containers. When stored in the original sealed container between 10 and 40°C the shelf life is 36 months from the date of manufacture.

Special Use and Safe Handling Information:

Read product and material safety data sheets before handling this product for physical and health hazard information. The material safety data sheet is available from your Silicones Plus products representative, or by emailing a request to samples@siliconesplus.com . Also this material is not intended for pharmaceutical use.

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