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TECHNICAL DATA SHEET

Silquat® Di-30-F4D

Silicone Quaternary Compound

DESCRIPTION

Silquat® Di-30-F4D is a silicone quaternary compound for use as a conditioning and cleansing agent for hair and skin care products. **Silquat® Di-30-F4D** has the INCI name of Quaternium-80.

TYPICAL PROPERTIES

Color, Gardner	6 Max
Appearance (25 ⁰ C)	Clear Liquid
Composition	Silicone quaternary compound
Viscosity (25 ⁰ C) Cps	500-1000
Active Content, %	46-50%
Water solubility 5%	Clear and soluble

USES AND APPLICATION

Silquat® Di-30-F4D 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.

In shampoo formulations, **Silquat® Di-30-F4D** provides a conditioning, soft, non-greasy, silky feel, improved dry and wet comb, gloss and antistatic properties.

In skin cleansing product formulations, **Silquat® Di-30-F4D** provides a smooth and silky silicone feel to the skin.

The recommended usage level ranges from 0.2 to 2% by weight.

SAFETY

Before handling, read the Material Safety Data Sheet and container label for safe use, physical and health hazard information.

THIS MATERIAL IS NOT FOR MEDICAL OR DRUG USE.

STORAGE AND SHELF LIFE

When stored in the original, unopened containers between 10 and 40⁰C, **Silquat® Di-30-F4D** has a shelf life of 36 months from date of manufacture.

PACKAGING

Silquat® Di-30-F4D is available in 20kg and 200kg containers.

LEGAL DISCLAIMER

Siltech Corporation believes that the information in this technical data sheet is an accurate description of the typical uses of the product. Siltech Corporation, however, disclaims any liability for incidental or consequential damages, which may result from the use of the product that are beyond its control. Therefore, it is the user's responsibility to thoroughly test the product in their particular application to determine its performance, efficacy and safety. Nothing contained herein is to be considered as permission or a recommendation to infringe any patent or any other intellectual property right.

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