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TECHNICAL DATA SHEET

**Silquat® Di-30-F4D**

Silicone Quaternary Compound

**DESCRIPTION**

**Silquat® Di-30-F4D** is a silicone quaternary compound suitable for a variety of personal care applications. **Silquat Di-30-F4D** has the INCI name of Quaternium-80.

**TYPICAL PROPERTIES**

Color, Gardner	2
Appearance (25°C)	Clear liquid
Composition	Silicone quaternary compound
Viscosity (25°C) Cps	800
Active Content, %	47
Water solubility 5% in DI Water	Soluble & Clear

**USES AND APPLICATION**

**Silquat Di-30-F4D** is a clear quaternary silicone compound ideally suited for use as a conditioner in hair and skin care applications. It is compatible with anionic surfactants.

Hair Care

**Silquat Di-30-F4D** is ideal for 2-in-1 shampoo formulations, as it provides excellent conditioning. The cationic nature of the product ensures substantivity in hair. Hair conditioned with **Silquat Di-30-F4D** is soft, non-greasy, and exhibits improved wet and dry combing properties. **Silquat Di-30-F4D** also provides enhanced gloss.

Skin Care

**Silquat Di-30-F4D** provides a medium conditioning on the skin, while improving sensorial. It can be used in creams and is ideally suited for body wash formulations.

The recommended usage level ranges from 0.2 to 2.0% 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 sealed nitrogen padded containers between 10 and 40°C, **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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