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TECHNICAL DATA SHEET

Silquat® AC

Description

Silquat® AC is a Silicone Cocoamido Quat with an INCI name of Silicone Quaternium-1. **Silquat® AC** is a 40% active water-soluble silicone quaternary compound.

Typical Properties

Appearance	Clear yellow liquid
Colour, Gardner, maximum	2
pH 1%	5.5 - 7.5
Solid content %	40
Solvent	Water
Water solubility, 10%	Soluble
Acid Value	5 max
Alkali Value	5 max

Application & Uses

Silquat® AC provides conditioning, softening and manageability to hair, particularly treated hair. **Silquat® AC** is recommended for shampoos where mild conditioning is required and for body washes for extra softness. **Silquat AD** will solubilize in most shampoo formulas without adversely effecting foam or detergent performance, resulting in a clear 2 in 1 shampoo that will not build up with frequent use. The presence of an a fatty amido group in **Silquat AD** provides flexibility in formulating with anionic surfactants.

Shelf Life

When stored between 10 and 40°C in the original unopened container, **Silquat® AC** has a shelf life of 36 months from the date of manufacture.

Packaging

Silquat® AC is supplied in 20kg pails and 200kg drums.

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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