



**SILTECH LLC**  
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TECHNICAL DATA SHEET

**Silquat<sup>®</sup> AD**  
Silicone Quaternium-8

Description

Silquat<sup>®</sup> AD is a Silicone Dimeramido Quat with an INCI name of Silicone Quaternium-8. Silquat<sup>®</sup> AD is a 40% active water-soluble silicone quaternary compound.

Typical Properties

Appearance	Clear yellow liquid
Color, 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<sup>®</sup> AD provides conditioning, softening and manageability to hair, particularly treated hair. Silquat AD 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 at or below 25<sup>o</sup> C, Silquat<sup>®</sup> AD has a shelf life of 36 months from the date of shipment.

Packaging

Silquat AD is supplied in 20kg pails and 200kg drums.

Legal Disclaimer

Siltech believes that the information in this technical data sheet is an accurate description of the typical uses of the product. Siltech, 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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