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TECHNICAL DATA SHEET

Silquat® CR 4000
Silicone Quat

DESCRIPTION

Silquat® CR 4000 is a high molecular weight water-soluble silicone quaternary compound dispersed in a natural carrier. The INCI name is Dimethicone PG-Diethylammonium Chloride (and) Hexylene Glycol.

TYPICAL PROPERTIES

Appearance	Clear yellow liquid
Colour, Gardner	5
Viscosity, cps	50,000
Solid content %	70
Solvent	Hexylene Glycol
Water solubility, 1%	Soluble
Specific gravity at 25°C	0.97
Flash point, Closed cup	102°C

APPLICATION & USES

Silquat CR 4000 is an excellent conditioning agent for personal care applications.

Hair Care

Silquat CR 4000 is ideal as a conditioner in both clear and opaque 2-in-1 shampoos. It elicits improved wet and dry combing properties in addition to gloss and softness.

Skin Care

Silquat CR 4000 offers moderate conditioning for skin care applications and enhances the spreadability and sensorial character of creams and lotions.

Recommended use levels are between 0.5-2.0%.

SHELF LIFE

When stored between 10 and 40°C in the original unopened container, **Silquat CR 4000** has a shelf life of 36 months from the date of manufacture.

PACKAGING

Silquat CR 4000 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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