



SILTECH LLC
2170 Luke Edwards Road
Dacula, Ga 30019
(678)442-0210 (Tel) (678)442-9624 (Fax)

TECHNICAL DATA SHEET

Silwax[®] H416

Cetyl Dimethicone

DESCRIPTION

SILWAX[®] H416 is one of a family of liquid alkylated silicone. The alkyl pendant groups make it more compatible with many organic systems. It provides gloss and softness to personal care products. The INCI name is Cetyl Dimethicone.

TYPICAL PROPERTIES

Appearance	Clear Liquid
Viscosity	75 – 250
Active Content %	100
Colour, Gardner	3 Max
Solubility (1% and 10%): -Water -IPA -Mineral Oil -Cyclopentasiloxane (D5) -350 visc. Silicone Fluid	-Insoluble -Insoluble -Soluble -Soluble -Insoluble

USES AND APPLICATIONS

SILWAX[®] H416 provides excellent lubricity, gloss and emmoliency properties in personal care formulation. It is higher in viscosity than Silwax B-116 and can be used in sun care products where improvement of SPF and more cushion is desired. Additional key benefits for skin care and AP products include: gloss, softness, barrier properties and lubrication. Key product applications include: moisturizers, lotions, pigmented products and antiperspirant and deodorant

Recommended usage level is between 1.0 – 3.0 wt% of the formulation.

SAFETY

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

STORAGE AND SHELF LIFE

When stored in the original, unopened containers between 10 and 40°C, **SILWAX[®] H416** has a shelf life of 24 months from date of shipping.

PACKAGING

SILWAX[®] H416 is available in 20 Kg and 200 Kg containers.

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.

SILTECH[®] SILQUAT[®] FLUROSIL[®] SILUBE[®] SILSURF[®] SILWAX[®] are registered trademark of Siltech LLC, Dacula, Ga.