



SILTECH CORPORATION
225 Wicksteed Avenue
Toronto, Ontario, Canada, M4H 1G5
(416)424-4567 (Tel) (416)424-3158 (Fax)

TECHNICAL DATA SHEET

Silwax® H416

Cetyl Dimethicone

DESCRIPTION

SILWAX® H416 is a liquid alkylated silicone. The alkyl pendant groups make it more compatible with many organic systems. It provides gloss and softness to personal care products and can be used as a lubricant and softener in many industrial applications, such as textile and tissue paper. The INCI name is Cetyl Dimethicone.

TYPICAL PROPERTIES

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

USES AND APPLICATIONS

SILWAX H416 provides excellent lubricity, gloss and emmoliency properties in personal care formulations.

Key benefits for skin care and AP products include:

- Gloss
- Emmolience
- Softness
- Barrier properties
- Lubricant

Key product applications include:

- Cleansers (foaming)
- Augment moisturizers
- Lotions
- Cosmetics
- 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 36 months from date of manufacture.

PACKAGING

SILWAX H416 is available in 20 Kg and 200 Kg 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.

SILWAX® is a registered trademark of Siltech Corporation, Toronto, Ontario, Canada.