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TECHNICAL DATA SHEET

**Silwax<sup>®</sup>DMC-IS**

Polydimethylsiloxane Isostearate

**DESCRIPTION**

**Silwax<sup>®</sup>DMC-IS** is a 100% active fatty silicone compound which is self emulsifying in water and dispersible in many solvents. **Silwax<sup>®</sup>DMC-IS** has an INCI name of Dimethicone PEG-7 Isostearate.

**TYPICAL PROPERTIES**

Appearance	Clear Light Yellow Liquid
Colour	1
Specific Gravity	0.99
Water solubility	Dispersible
Acid Value	< 2

**USES AND APPLICATION**

**Silwax<sup>®</sup>DMC-IS** is highly lubricious when applied to fibre, hair or skin. **Silwax<sup>®</sup>DMC-IS** is easy to use in aqueous systems because of its water dispersibility, but remains substantive enough to provide excellent conditioning properties without the build-up associated with many 2 in 1 formulas. **Silwax<sup>®</sup>DMC-IS** is especially effective on treated hair that requires special care. **Silwax<sup>®</sup>DMC-IS** is compatible with other surfactants and does not adversely affect foam or detergency in shampoo formulas. **Silwax<sup>®</sup>DMC-IS** is a good emulsifier in creams and lotions.

Typical concentrations range from 0.5 - 3.0% of the total formulation.

**SAFETY**

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

THIS MATERIAL IS NOT FOR MEDICAL OR DRUG USE.

**STORAGE AND SHELF LIFE**

When stored between 10 and 40°C in the original unopened container, **Silwax<sup>®</sup>DMC-IS** has a shelf life of 36 months from the date of manufacture.

**PACKAGING**

**Silwax<sup>®</sup>DMC-IS** is available in 20kg and 200kg plastic 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.

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