



**SILTECH CORPORATION**

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TECHNICAL DATA SHEET

**Silsurf® D212-CG**

Polydimethylsiloxane Copolymer

**DESCRIPTION**

**Silsurf® D212-CG** is a 100% active low odour and low colour cosmetic grade ethoxylated polydimethylsiloxane. **Silsurf® D212-CG** has an INCI name of PEG-12 Dimethicone.

**TYPICAL PROPERTIES**

|                  |                           |
|------------------|---------------------------|
| Appearance       | Clear Light Yellow Liquid |
| Colour           | 1                         |
| Specific Gravity | 1.02                      |
| Water solubility | Soluble                   |
| Viscosity        | 250 cps                   |
| Hydroxyl Value   | 80 - 95                   |
| Cloud Point      | 50 - 62°C                 |

**USES AND APPLICATION**

**Silsurf® D212-CG** is a water-soluble silicone surfactant. Silsurf D212-CG is a water-soluble silicone that provides lubricity. It is used to provide lubricity to fibres as well as conditioning to hair and skin. **Silsurf® D212-CG** can be used in lotions, gels, creams, conditioners and shampoos. Typical concentrations range from 0.5 - 3.0%.

**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 in the original, unopened containers between 10 and 40°C, **Silsurf® D212-CG** has a shelf life of 36 months from date of manufacture.

**PACKAGING**

**Silsurf® D212-CG** 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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