



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

TECHNICAL DATA SHEET

**Siltech® CE-2000**  
Pigment Dispersant

**DESCRIPTION**

**Siltech® CE-2000** is an oil soluble citrate ester of a Guerbet alcohol. It has the INCI name of Trioctylododecyl Citrate.

**TYPICAL PROPERTIES**

Appearance	Clear to Hazy Liquid
Colour, Gardner	1
Active Content %	100
Water solubility	Insoluble
Refractive Index, 25° C	1.46

**USES AND APPLICATION**

**Siltech CE-2000** is a non-comodeogenic high molecular weight ester suitable for use in a wide variety of personal care applications. It is oil soluble and it is ideal for pigment dispersion and as an emollient. **Siltech CE-2000** is also liquid at very low temperatures and exhibits low volatility.

In color cosmetics **Siltech CE-2000** exhibits unique wetting properties and excels at dispersing pigments used in lipsticks and pressed powders. **Siltech CE-2000** also provides cushion and improves stick payout for lipsticks.

**Siltech CE-2000** offers benefits in skin care applications. It is based on a high molecular weight alcohol, resulting in low irritation properties, while ensuring premium spreadability. **Siltech CE-2000** is also highly substantive and is an excellent emollient.

Sun care formulations are also enhanced by the addition of **Siltech CE-2000**. The product displays excellent performance as an inorganic UV filter dispersant, resulting in increased in-vitro SPF values. **Siltech CE-2000** additionally solubilizes organic UV filters, also thereby improving sun protection performance.

**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, **Siltech CE-2000** has a shelf life of 36 months from date of manufacture.

**PACKAGING**

**Siltech CE-2000** is available in 20kg and 190kg 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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