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TECHNICAL DATA SHEET

**Silube<sup>®</sup>T308-16**  
Emulsifier for Invert Emulsions

**DESCRIPTION**

**Silube<sup>®</sup>T308-16** is an alkyl silicone polyether that is specifically engineered to provide a low HLB necessary to produce water in oil emulsions. The INCI name for **Silube<sup>®</sup>T308-16** is Cetyl PEG PPG 10/1 Dimethicone, the CAS number is 144243-53-8.

**TYPICAL PROPERTIES**

Appearance	Clear liquid
Color, Gardner	1
Active Content %	100
Viscosity at 25°C, cps	1000
Specific Gravity at 25°C	1.07
Functionality	Alkyl Polyether

**USES & APPLICATIONS**

**Silube<sup>®</sup>T308-16** is a water-insoluble silicone surfactant that is used as an emulsifier to form invert emulsions. The presence of a fatty acid attached to a long chain silicone copolymer in **Silube<sup>®</sup>T308-16** provides excellent invert emulsion stability in pigmented products, make up and sunscreen emulsions. It is the combination of both alkyl groups and polyethers on the same silicone backbone makes **Silube<sup>®</sup>T308-16** an excellent water-in-oil emulsifier.

The recommended concentration used is between 1.0-5.0% weight percent of the total 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 below 20°C, **Silube<sup>®</sup>T308-16** has a shelf life of 12 months from the date of shipment.

**PACKAGING**

**Silube<sup>®</sup>T308-16** is supplied in 20kg pails and 200kg drums.

**LEGAL 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.

**Silube<sup>®</sup>** is a registered trademark of Siltech LLC Dacula, Ga 30019.

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