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TECHNICAL DATA SHEET

Silube® T308-16-CG

Silicone Alkyl Polyether Emulsifier

DESCRIPTION

Silube® T308-16-CG is a water-insoluble alkyl functional silicone polyether emulsifier. The INCI name for **Silube T308-16-CG** is Cetyl PEG/PPG-10/1 Dimethicone.

TYPICAL PROPERTIES

Appearance	Clear Liquid
Colour, Gardner	1
Viscosity, cPs	1,800
Active Content, %	100
Water solubility, 1%/10%	Dispersible/Insoluble

USES AND APPLICATION

Silube T308-16-CG is a water-insoluble silicone surfactant, but which is soluble in various oils. The presence of an alkyl group attached to the silicone copolymer in **Silube T308-16-CG** provides excellent lubricity and release properties in any water-based application.

The combination of both alkyl groups and polyethers on the same silicone backbone makes **Silube T308-16-CG** an excellent water-in-oil emulsifier. In personal care formulations it is designed to be a cost-effective emulsifier, wetting agent, and surface tension depressant for skin care, sun care & make-up formulations.

The approximate HLB (calculated) of **Silube T308-16-CG** is 3.

The recommended concentration used is between 1.0-5.0% weight percent of the total formulation. Formulations can be made with low to high shear, and either room temperature or hot mixing conditions.

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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, **Silube T308-16-CG** has a shelf life of 36 months from date of manufacture.

PACKAGING

Silube T308-16-CG is available in 20kg, 195kg and 950kg 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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