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TECHNICAL DATA SHEET

Silube® T310-A-16
Silicone Alkyl polyether

DESCRIPTION

Silube® T310-A-16 is a water-insoluble alkyl functional silicone polyether. The INCI name for **Silube® T310-A-16** is Cetyl PEG/PPG-10/1 Dimethicone.

TYPICAL PROPERTIES

Appearance	Clear liquid
Colour, Gardner	1
Active Content %	100
Viscosity at 25°C, cps	1,500
Specific Gravity at 25°C	0.94
Functionality	Alkyl Polyether

USES & APPLICATIONS

Silube® T310-A-16 is a water-insoluble silicone surfactant, but which is soluble in various oils. The presence of a fatty acid attached to a long chain silicone copolymer in **Silube® T310-A-16** provides excellent lubricity and release properties in any water-based application. It gives excellent anti-wear results in water based metal working fluids. It can be used in a wide variety of metal working operations.

The combination of both alkyl groups and polyethers on the same silicone backbone makes **Silube® T310-A-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 in the original, unopened containers between 10 and 40°C, **Silube® T310-A-16** has a shelf life of 36 months from date of manufacture.

PACKAGING

Silube® T310-A-16 is supplied in 20kg pails and 200kg drums.

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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