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TECHNICAL DATA SHEET

Silube® J1015-O-812
Oil in Water Emulsifier

DESCRIPTION

Silube® J1015-O-812 is a 100% active, silicone alkyl polyether emulsifier for the formulation of oil in water or silicone in water emulsions. The INCI name is Lauryl PEG/PPG-18/18 Methicone.

TYPICAL PROPERTIES

Appearance	Clear Liquid
Color, Gardner	<1
Viscosity, cps	5000
Active Content %	100
Water solubility (1%/10%)	Insoluble/Insoluble
Effective HLB range	4-6
Emulsion type	Water-in-Oil, Water-in-Silicone

USES AND APPLICATION

Silube J1015-O-812 is a non-ionic emulsifier designed to formulate very stable W/O and W/Si emulsions of creams, lotions, skin care and sun-care products with an excellent texture and skin feel. It is compatible with and improves the compatibility of typical cosmetic active ingredients.

Silube J1015-O-812 provides excellent texture and skin feel to the end skin care product.

The approximate HLB (calculated) of **Silube J1015-O-812** is 5.

When using **Silube J1015-O-812** it is normally mixed into the "oil" phase with shear and then water is slowly added with stirring. Formulations can be made with low to high shear, and either room temperature or hot mixing conditions.

Typical use level is 2-3% by weight 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 J1015-O-812** has a shelf life of 36 months from date of manufacture.

PACKAGING

Silube J1015-O-812 is available in 20kg and 200kg 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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