



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

TECHNICAL DATA SHEET

Silube[®] J1015-O-212
Oil in Water Emulsifier

DESCRIPTION

Silube[®] J1015-O-212 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 dimethicone.

TYPICAL PROPERTIES

Appearance	Clear Liquid
Color, Gardner	<1
Viscosity, cps	2,500-3,000
Active Content %	100
Water solubility (1%/10%)	Soluble/Soluble
Effective HLB range	10-12
Emulsion type	Oil in Water, Silicone in Water

USES AND APPLICATION

Silube J1015-O-212 is a non-ionic emulsifier designed to formulate very stable O/W and Si/W 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-212 provides excellent texture and skin feel to the end skin care product.

The approximate HLB (calculated) of **Silube J1015-O-212** is 10.

When using **Silube J1015-O-212** 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. Use level is 2-3% 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 40⁰C, **Silube J1015-O-212** has a shelf life of 36 months from date of manufacture.

PACKAGING

Silube J1015-O-212 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.

SILUBE[®] is a registered trademark of **Siltech Corporation**, Toronto, Ontario, Canada.