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TECHNICAL DATA SHEET

Silube® J208-212CG

Alkyl, polyether silicone

DESCRIPTION

Silube® J208-212CG is a water-soluble, alkyl functional silicone polyether designed to emulsify organic oils in water. The INCI name for **Silube J208-212CG** is Lauryl PEG-8 Dimethicone.

TYPICAL PROPERTIES

Appearance	Clear liquid
Colour, Gardner	1
Active Content %	100
Viscosity at 25°C, cps	750
Specific Gravity at 25°C	1.07
Functionality	Alkyl, Polyether

USES & APPLICATIONS

Silube J208-212CG is a water-soluble silicone surfactant. The presence of a fatty acid attached to a long chain silicone copolymer in **Silube J208-212CG** provides excellent lubricity and release properties in any water-based application.

The balance of both alkyl groups and polyethers on the same silicone backbone makes **Silube J208-212CG** an excellent oil-in-water emulsifier. In personal care formulations it is designed to be an effective emulsifier, lubricant and release agent for skin care formulations.

The approximate HLB (calculated) of **Silube J208-212CG** is 8.

The recommended concentration is between 1.0-5.0% weight percent of the total formulation. Formulations can be made with high shear and hot mixing conditions.

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 between 10 and 40°C, **Silube J208-212CG** has a shelf life of 36 months from the date of manufacture.

PACKAGING

Silube 208-212CG 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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