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TECHNICAL DATA SHEET

Silube® J208-4I

Silicone Polyether Copolymer

DESCRIPTION

Silube® J208-4I is a water dispersible to insoluble silicone polyether designed to emulsify water into organic oils. The INCI name for **Silube J208-4I** is PEG-8 PPG-8 Dimethicone.

TYPICAL PROPERTIES

Appearance	Clear liquid
Colour, Gardner	1
Active Content %	100
Viscosity at 25°C, cps	600
Specific Gravity at 25°C	1.00

USES & APPLICATIONS

Silube J208-4I is a water dispersible to insoluble silicone surfactant that serves as an excellent water-in-oil emulsifier for personal care applications. The balance of hydrophobe and hydrophile lends to easy incorporation into makeup, skin care and sunscreen products. **Silube J208-4I** additionally imparts a silky after-feel on the skin. The approximate HLB (calculated) is 6.0.

Silube J208-4I also provides excellent lubricity and release properties in any water-based application. **Silube J208-4I** also reduces the surface tension to provide wetting and flow and leveling to aqueous based systems. The presence of both a propyleneoxide and ethyleneoxide chains provides the hydrophilicity and lipophilicity needed for detergency and emulsification.

Silube J208-4I is recommended for use at levels of 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 between 10 and 40°C, **Silube J208-4I** has a shelf life of 36 months from the date of manufacture.

PACKAGING

Silube J208-4I 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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