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TECHNICAL DATA SHEET

**Silube<sup>®</sup> CS-1**  
Carboxy Silicone

**DESCRIPTION**

**Silube<sup>®</sup> CS-1** is an anionic succinic-based carboxylate. It is a 100% active water-soluble silicone and is therefore compatible with a wide range of surfactants. When neutralized it is self-emulsifying in water and soluble or dispersible in many solvents. **Silube CS-1** has an INCI name of Dimethicone PEG-8 Succinate.

**TYPICAL PROPERTIES**

Appearance	Clear liquid
Colour, Gardner	1
Acid Value	50
Equilibrium Surface Tension, mN/m	27
Critical Micelle Concentration, mg/L	82
Solubility	Soluble in water, isopropanol, ethanol

**USES AND APPLICATIONS**

**Silube CS-1** applications include

- Attracts and couples fragrance oils to fibrous and porous substrates. When added to fragrant compositions at approximately 1% (w/w), it slows the release of fragrance oils from surfaces without changing the throw or noticeable fragrance.
- Reduces tack and soapy feel in clear deodorant sticks.
- An excellent lubricant and conditioner for hair without build-up of oily conditioners.
- Aids in reducing tack and stickiness in creams and lotions.
- Complexing cationic surfactants and fatty quaternary compounds into water-soluble or water dispersible products.
- Emulsifies water insoluble silicones and amino functional silicones.
- Enhance detergency, gloss and lubricity in hard surface cleaners.

**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 in the original unopened container, **Silube CS-1** has a shelf life of 36 months from the date of manufacture

**PACKAGING**

**Silube CS-1** is available in 20 Kg and 200 Kg 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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