



# BIO-SIL

## Antifoams & Emulsions

### BIO-SIL SRE35FS

Food Safe Silicone Release Emulsion

## TECHNICAL DATA SHEET

Rev.6 Date: 19/08/2022

### PRODUCT DESCRIPTION

BIO-SIL SRE35FS is a non-ionic 35% active polydimethylsiloxane emulsion suitable for use in food processing industry applications. It is Nonylphenol free and specifically formulated as a mold release agent for plastic, rubber and other material; a lubricity aid and an anti-smearing additive. BIO-SIL SRE35FS exhibits excellent stability and performance over wide pH and temperature ranges. The good surface wetting and slip properties are unaffected by the addition of water. BIO-SIL SRE35FS is non-tacky and easily removed by use of detergents and solvents.

### COMMON AREAS OF USE

- Mold release
- Lubricating agent
- Applications where slip is required
- Paper coating
- Print folding

### TYPICAL SPECIFICATIONS

Appearance	Off white – milky
Active Silicone content [%]	35
*Specific Gravity [@ 20°C]	0.98 – 1.00
*pH range	5.0 – 7.0
Base Fluid Viscosity	350
Surfactant	Non-Ionic
*Viscosity at 25 °C [Mpas]	<100
Packaging	25Kg Pail 200Kg Drum 1000Kg Tote

\*Typical product data values should not be used as specifications

### COMPLIANCES

This product Complies with FDA Code of Federal Regulations Title 21 section 176.170 (components of paper and paperboard in contact with aqueous and fatty foods) and 176.180 (components of paper and paperboard in contact with dry food).

### PLEASE NOTE

- Testing before formulating should be carried out as systems vary.
- Material Safety Data Sheets are available upon requests.
- The shelf life period without testing is 12 months from date of manufacture, if stored in the original unopened container at 2°C to 39°C.
- Emulsions have the tendency to separate when stored for extended periods; this does not indicate shelf life failure, after mild agitation this emulsion will still perform effectively.

LEGAL DISCLAIMER: Each user bears the full responsibility for making its own determination as to the suitability of Supplier material, products, services, recommendations or advice for its own particular purposes. Each user must identify and perform test and analysis sufficient to assure its finished parts will be safe and suitable for use under end-use conditions. Because actual use of products by the user is beyond the control of Supplier, such use is within the exclusive responsibility of the user, and supplier cannot be held responsible for any loss incurred through incorrect or faulty use of the products. Further, no statement contained herein concerning a possible or suggested use of any material product, service or design is intended or should be construed to grant any license under any patent or other intellectual property right of Supplier or any of its subsidiaries or affiliated companies, or as a recommendation for the use of such material, product, service or design in the infringement of any patent or other intellectual property right.