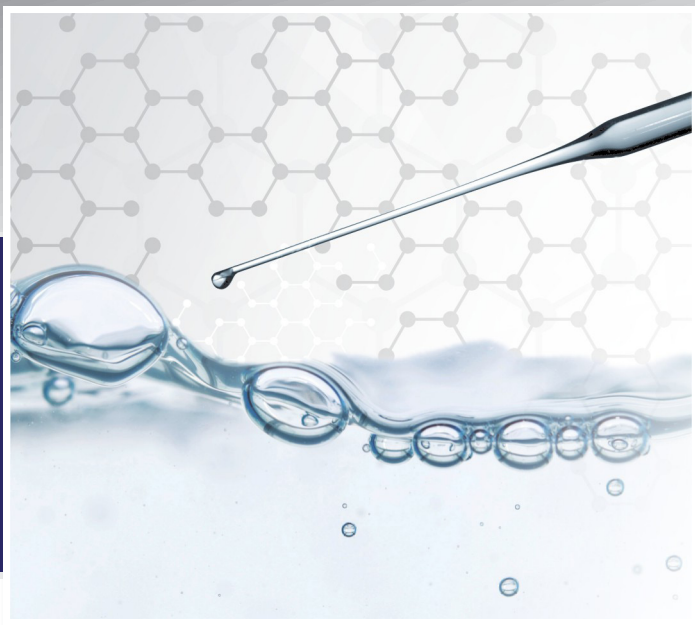


BIO-SIL

Antifoams & Emulsions



BIO-SIL SRE20FG

Food Grade Silicone Emulsion

TECHNICAL DATA SHEET

Rev.3 Date: 18/08/2022

PRODUCT DESCRIPTION

BIO-BIO-SIL SRE20FG is a food grade 20% emulsion of polydimethylsiloxane specifically formulated for use in the food industry and is fully food contact safe. BIO-SIL SRE20FG has a low viscosity allowing penetration into chain pins and rollers for efficient lubrication of moving machine parts. This product is certified Halaal and Kosher.

COMMON AREAS OF USE

- Conveyer belts and it's bearings
- Conveyer chain lubricant
- Food and candy machinery
- Non-stick coating
- Areas of direct food contact

TYPICAL SPECIFICATIONS

| | |
|------------------------------------|--|
| Appearance | Off white – milky |
| Active Silicone content [%] | 20 |
| *Specific Gravity [@ 20°C] | 0.99 – 1.01 |
| *pH range | 5.5 – 7.0 |
| Base fluid viscosity (cSt) at 25°C | 350 |
| Surfactant | Non-Ionic |
| *Viscosity at 25°C [Mpas] | 1100 - 1400 |
| Packaging | 25Kg Pail 200Kg Drum 1000Kg Tote |

*Typical product data values should not be used as specifications

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 4°C to 27°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.