

BIO-SIL

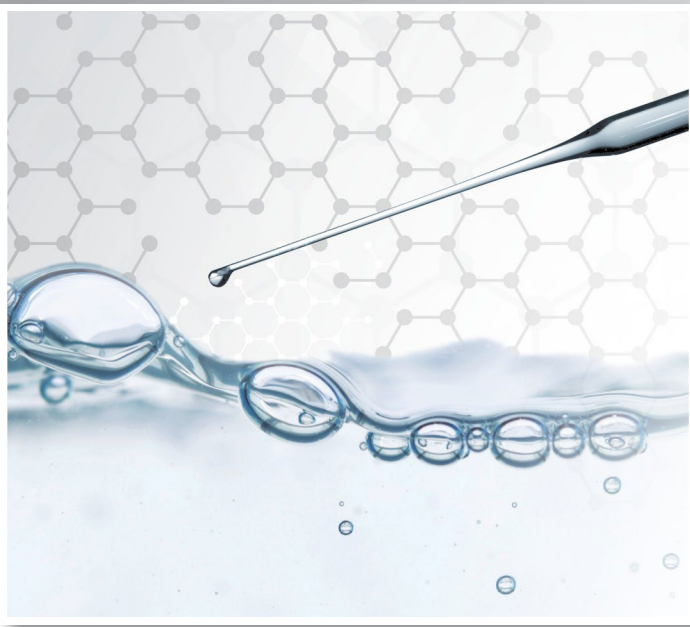
Antifoams & Emulsions

BIO-SIL SRE60

SILICONE RELEASE EMULSION

TECHNICAL DATA SHEET

Rev.4 Date: 25/11/2016



PRODUCT DESCRIPTION

BIO-SIL SRE60 is a 60% non-ionic emulsion of Polydimethyl Siloxane. It has been formulated for easy addition of a hydrophobic silicone polymer to an aqueous system.

BIO-SIL SRE60 can be used as a lubricity aid and anti-smearing for processing machines. It also allows for excellent release of plastics, rubber and other materials, and imparts excellent water repellency to glass fibre products and mineral wool. BIO-SIL SRE60 is enhanced to improve slip, water repellency, lubricity and release properties.

COMMON AREAS OF USE

- Plastics/rubber industry
- Glass fibre/mineral wool Industry
- Good lubricity effect in offset printing
- Excellent release
- Imparts shiny appearance
- Easy to formulate
- Compatible with most plastics
- At higher levels imparts water repellency
- Durability in most applications

PHYSICAL PROPERTIES

Active silicone content	60%
Base fluid viscosity at 25°C mm ² /s	350
Specific gravity	0.98
Surfactant Ionicity	Non-ionic
*pH range	4.5 - 7.0
Shelf Life	The warranted shelf life is 12 months if stored in original unopened containers at temperatures between 2°C and 39°C.

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

PLEASE NOTE

- Testing must be conducted before production.
- Material Safety Data Sheets are available upon request.
- Packaging: 25kg Containers, 200kg Drums and 1000kg Containers

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