



# MAGRABAR<sup>®</sup> SILICONE 10-S

## TECHNICAL INFORMATION

**Appearance:** liquid  
**Color:** opaque off-white

**Typical Properties:**

Active Concentration:	10%
Specific Gravity at 25°C:	0.99
Density (lbs/US Gallons):	8.1 – 8.4
Freezing point:	32°F
Viscosity at 25°C:	1,000 – 2,000 cPs
Solubility in Water:	Dispersible

*This information is intended as a guideline only and should not be used to issue specifications. Slight deviations do not affect application and capability of the product. For specifications please consult the Certificate of Analysis.*

**Properties/applications:** MAGRABAR<sup>®</sup> SILICONE 10-S is a food grade emulsion antifoam containing 10% dimethylpolysiloxane. SILICONE 10-S may be used in food processing as well as in Clean In Place (CIP) applications and effluent treatment systems in food processing facilities.

SILICONE 10-S contains dimethylpolysiloxane, silicon dioxide, and emulsifiers and preservatives as allowed by the Code of Federal Regulations: Title 21, Section 173.340. This regulation limits the amount of dimethylpolysiloxane to 10 ppm in most foods in their ready to consume state. Please see the regulation for details and exceptions. 100 ppm of SILICONE 10-S contains 10 ppm of dimethylpolysiloxane.

For CIP applications, use 1 – 3 ounces per 100 gallons of solution and follow with a potable water wash.

**Storage/handling:** SILICONE 10-S has a shelf life of 15 months from the date of manufacture when stored in original, unopened containers. Long term storage in a cool, dry location away from sunlight and sources of heat is recommended. Keep containers closed when not in use.

SILICONE 10-S is temperature sensitive. This product must be protected from freezing and excessive heat. Avoid storage temperatures above 110°F.

Silicone emulsions are formulated with preservatives to guard against microbial growth. Dilution of the products will significantly diminish the effectiveness of the preservatives. Diluted material should be prepared as needed and used immediately. These products may show some oil separation on standing. Should this occur, agitation will reconstitute the products.

**Packaging:** 5 gallon Pails holding 40 lbs/18 kg net  
55 gallon plastic Drums holding 450 lbs/ 204 kg net  
275 gallon Tote holding 2,200 lbs/998 kg net and bulk quantities

***Our products are allergen free, free from animal derived ingredients and certified Kosher Pareve, Kosher for Passover and Halal.***

Our technical suggestions are based on data from many experiments and cannot represent a warranty of any kind as to their performance in other formulations. Customers must always verify our product's performance in their own systems. This technical data sheet replaces all previous issues.  
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