

MAGRABAR[®] SILICONE 20-SN

TECHNICAL INFORMATION

Typical Properties:

Silicone Concentration:	20%
Specific Gravity at 25°C:	1.01
Density (lbs/US Gallons):	8.4
Freezing point:	32°F
Viscosity at 25°C:	1,000 – 2,000 cPs
Brookfield, Sp. #3, 20 Rpm	
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 SILICONE 20-SN is a food grade emulsion antifoam containing 20% dimethylpolysiloxane and hydrophobic silica. It may be used in food processing as well as in Clean In Place (CIP) applications and effluent treatment.

20-SN contains dimethylpolysiloxane, silicon dioxide, 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. 50 ppm of Silicone 20-SN contains 10 ppm of dimethylpolysiloxane and silicon dioxide.

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

Storage/handling:

Silicone 20-SN has a shelf life of one year when stored in original, unopened containers. Long term storage in a cool, dry location in sealed containers is recommended. Keep containers closed when not in use. Avoid storage temperatures above 110°F.

Silicone 20-SN must be protected from freezing during transportation and storage.

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

NOTE: The information given herein is correct to the best of our knowledge. However, no warranties expressed or implied are made by Magrabar LLC with respect to products described or information set forth herein. Customers must always verify our product's performance in their own systems. This technical data sheet replaces all previous issues. Nothing contained herein shall constitute a permission or recommendation to practice any invention covered by a patent without a license from the owner of the patent.

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