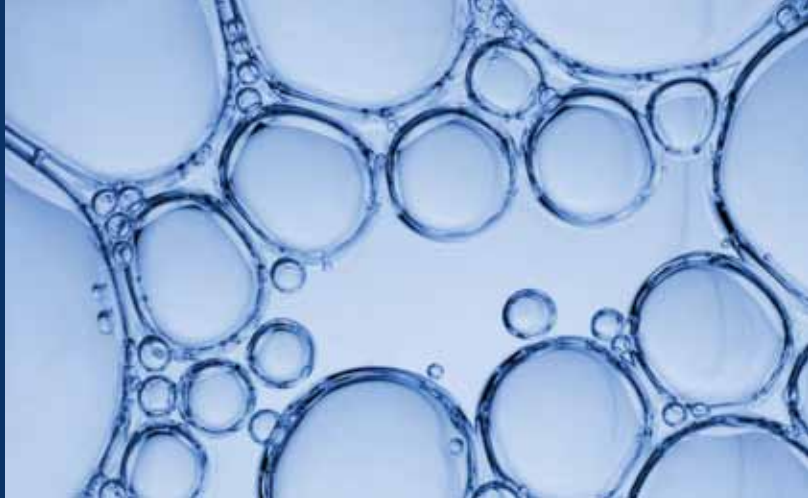


# SAG\* 10 Silicone Antifoam Emulsion



MARKETING BULLETIN

SPECIALTY FLUIDS - INDUSTRIAL

SAG 10 silicone antifoam emulsion is an industrial-grade, general-purpose antifoam that may offer the double bonus of cost-effectiveness and significant performance. It normally disperses easily across an extensive range of applications, and is expected to remain stable and durable, especially in high pH systems.

## Key Features and Typical Benefits

- Cost-effective general purpose reliability
- Excellent foam control in nonionic surfactant systems
- High stability
- Long-term durability in all pH environments; product of choice for high pH
- Easy dispersion and good dilute stability
- Meets EPA 40 CFR §180.920 requirements(1)

## Potential Applications

SAG 10 silicone antifoam emulsion may help prevent or suppress foam in a number of applications, including:

- Agricultural formulations
- Amine scrubbing/glycol dehydrators
- Chemical and petroleum processing
- Chemical specialty formulations (such as alkaline cleaners and heavy-duty detergents)
- Gas sweetening
- Water treatment systems

## Typical Physical Properties

Appearance	Milky-white emulsion
Active Ingredient Content	10% by weight
Specific Gravity at 25 °C	0.98
Viscosity at 25 °C (after stirring), cP	2,000
Emulsifier Type	Nonionic
Suitable Diluent	Water
Shelf Life, months	12

## Potential Use in Agrochemical Products

SAG 10 silicone antifoam emulsion as received, or dilute first with water or process liquid.

- Dilution: Mix 3 to 10 parts of diluent to 1 part antifoam; stir gently until a uniform mixture is reached
- For long-term bulk stability of dilutions lower than 4 percent actives: Use a thickened water diluent

When evaluating SAG 10 silicone antifoam emulsion:

- We recommend that 250-500 ppm of as-received product be evaluated initially
- Adjust use levels according to the observed performance
- In waste water and chemical processing operations, 10-20 ppm of as-received product should be the initial evaluation level

## Product Availability

Momentive Performance Materials foam control agents are available in 5-gallon pails, 55-gallon drums, and in bulk (upon request).

### Patent Status

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute the permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

### Limitations

Customers must evaluate Momentive Performance Materials products and make their own determination as to fitness of use in their particular applications.

### Product Safety, Handling and Storage

Customers should review the latest Safety Data Sheet (SDS) and label for product safety information, safe handling instructions, personal protective equipment if necessary, emergency service contact information, and any special storage conditions required for safety. Momentive Performance Materials (MPM) maintains an around-the-clock emergency service for its products. SDS are available at [www.momentive.com](http://www.momentive.com) or, upon request, from any MPM representative.

For product storage and handling procedures to maintain the product quality within our stated specifications, please review Certificates of Analysis, which are available in the Order Center. Use of other materials in conjunction with MPM products (for example, primers) may require additional precautions. Please review and follow the safety information provided by the manufacturer of such other materials.

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