

## SAG™ 10, SAG 10E Silicone Antifoam Emulsions

### Product Description

SAG 10, SAG 10E silicone antifoam emulsions are an industrial-grade, general-purpose antifoams that may offer the double bonus of cost-effectiveness and significant performance. They normally disperse easily across an extensive range of applications, and are expected to remain stable and durable.

### Key Features and Typical Benefits

- Cost-effective general purpose reliability
- Excellent foam control in nonionic surfactant systems
- High stability
- Easy dispersion and good dilute stability
- Meets EPA 40 CFR § 180.920 requirements<sup>(1)</sup>

(1) The components meet the requirements of U.S. EPA regulation 40 CFR § 180.920, and are therefore exempt from tolerances in food when used as an inert ingredient in agricultural applications in accordance with the other conditions of that regulation.

### Typical Physical Properties

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

Typical properties are average data and are not to be used as or to develop specifications.

### Potential Applications

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

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

### Potential Use in Agrochemical Products

Use SAG 10, SAG 10E silicone antifoam emulsions 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, SAG 10E silicone antifoam emulsions:

- We recommend that 250-500 ppm of as-received product is 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

**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.

**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.

**Limitations**

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

## Customer Service Centers

For additional information, please contact our Customer Service Team

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