

## SAG™ 30 Silicone Antifoam Emulsion

### Product Description

SAG 30 silicone antifoam emulsion is an excellent candidate to consider for general-purpose industrial emulsion to successfully suppress or prevent foam in a diversity of applications. Extremely stable and easy to handle, SAG 30 silicone antifoam emulsion shines in applications requiring excellent durability in alkaline systems; yet it also typically puts in, a superior performance under neutral or acidic conditions. It is one of the most economical ways available today to control foam and help you maximize production capacity, or develop foam-free formulations.

### Key Features and Typical Benefits

SAG 30 silicone antifoam emulsion puts the muscle in systems that depend on long-term durability. Product enhancers include:

- General-purpose, industrial-grade reliability
- Potentially cost-effective foam control for nonionic surfactant systems
- Rock-solid stability, great durability in high pH systems
- Easy dispersion with 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	30% by weight
Viscosity at 25 °C (after stirring), cP	2,000
Specific gravity at 25 °C	1.004
Shelf Life, months	12
Suitable Diluent	Water
Emulsifier Type	Nonionic

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

### Potential Applications

SAG 30 silicone antifoam emulsion prevents or suppresses foam in a number of applications, including:

- Agrichemical 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

### Potential Use in Agrochemical Products

Use SAG 30 silicone antifoam emulsion as received or dilute first with water.

- Dilution: mix 3 to 10 parts of water 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 30 silicone antifoam emulsion:

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

### **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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