

SAG™ 47 Silicone Antifoam Compound

Product Description

SAG 47 silicone antifoam compound may be an excellent candidate for boosting performance in non-aqueous systems, via reliable foam prevention. This moderately viscous compound may support an array of industrial applications at full as-supplied strength, in a solvent dispersion or in blends, depending on system needs. SAG 47 silicone antifoam compound helps prevent foam through addition to the system before foaming begins.

Key Features and Typical Benefits

- Material antifoam performance in non-aqueous systems
- Increased production throughput
- General-purpose reliability
- Meets EPA 40 CFR § 180.910 requirements¹

Typical Physical Properties

Appearance	Translucent white
Active Ingredient Content	100% by weight
Viscosity at 25 °C (after stirring), cP	800 - 2000
Specific Gravity at 25 °C	0.988
Suitable Diluent	Process liquid, hydrocarbons
Shelf Life, months	24

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

Potential Applications

This antifoam's built-in versatility may allow its use in applications such as non-aqueous printing inks, agrochemicals, cleaners and detergents, lubricants, resin handling/manufacturing, sludge dewatering and chemical separations/distillations.

Potential Use in Agrochemical Products

Use SAG 47 silicone antifoam compound as received or dilute first with the process liquid (Table 1). Mix the antifoam when the package is opened to maximize results.

- Dilution: mix 3 to 10 parts of the process liquid to 1 part antifoam; stir gently until a uniform mixture is reached. Ensure product uniformity over long storage periods by gentle periodic mixing.
- For maximizing cost-effectiveness: predilute SAG 47 silicone antifoam compound and add continuously at a process segment prior to foaming
- We suggest starting concentrations of 10 to 200 ppm

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

Table 1: SAG 47 Silicone Antifoam Compound Concentrations and Parts per Million Equivalents

Concentration of SAG 47 Silicone Antifoam Compound (from container)	Parts per Million SAG 47 Silicone Antifoam Compound (as received)
1 liter in 1,000 liters	= 1000
1 liter in 2,000 liters	= 500
1 liter in 10,000 liters	= 100
1 liter in 20,000 liters	= 50

Conversion Factors: 1 liter = 0.264 gallons

Note: Test data. Actual results may vary.

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.

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 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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