

## SAG™ 1572 Foam Control Agent

### PRODUCT DESCRIPTION

SAG 1572 is a high-performance foam control agent that can provide excellent initial foam control, as well as the ability to maintain such properties over longer periods when compared to conventional silicone antifoams, which means it can be used at lower dose rates without compromising on performance.

SAG 1572 can be evenly dispersed in water-based agricultural formulations and surfactant concentrates, yielding mixtures with excellent storage stability. In these blends, SAG 1572 provides excellent foam control in a wide pH range, over a long period. SAG 1572 is very effective in many agricultural applications, as foam control agent for pesticides, during production, packaging, and spray tank operations.

### KEY FEATURES & TYPICAL BENEFITS

- High defoaming performance.
- Excellent ability to manage difficult-to-control foaming systems.
- Rapid defoaming when the antifoam is initially applied to the foaming system.
- Long-lasting foam inhibition and control.
- Easy and rapid dispersal in aqueous systems and surfactant concentrates.
- Performs well over a broad pH range.

### CERTIFICATIONS & STANDARDS<sup>(1)</sup>

- Meets EPA 40 CFR §180.920 requirements<sup>(2)</sup>.
- CPDA.

### TYPICAL PHYSICAL PROPERTIES

PROPERTY	VALUE
Appearance	Milky white liquid, cloudy
Solids content (%)	33
Actives content (%)	20
Viscosity (25 °C, cPs)	1200
Solubility in water (20 °C)	Dispersible
pH (10%)	8.0
Density (g/cm <sup>3</sup> )	1.0300
Pour point (°C)	0
Flash point (°C)	N/A

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

(1) For further information please contact your local Momentive representative.

(2) The components meet the requirements of U.S. regulation EPA 40 CFR §180.910 and, therefore, are exempt from tolerances when used as an inert ingredient in agricultural applications in accordance with the other conditions of that regulation.

## GENERAL CONDITIONS FOR USE

SAG 1572 foam control agent is a medium viscosity silicone antifoam emulsion that is an excellent candidate for use in both water-based systems and surfactant concentrates. It can, therefore, be added directly to these systems without pre-dilution and mixed with slow to moderate agitation to ensure a complete and homogenous dispersion.

The addition levels of SAG 1572, when used in the final foaming system, will be dependent upon the nature of the foaming system and the type of agitation generating the foam. A recommended starting point is addition of sufficient antifoam that would give between 1 ppm and 50 ppm of product (based on % solids) into the final foaming formulation. As with any water-based formulation, it is recommended to confirm that the foam control agent remains dispersed once added to the pesticide formulation.

Even at lower use levels than typically practiced with conventional antifoam agents, SAG 1572 provides excellent performance in a commercial pesticide formulation. Additionally, SAG 1572 provides much improved durability maintaining high performance even after 60 minutes of agitation, while larger concentrations of standard antifoams start losing activity after 15 minutes.

Effective dispersibility in agrochemical formulations is an issue with conventional foam control agents. However, SAG 1572 offers much improved compatibility with many adjuvants and in-can pesticide formulations, remaining homogeneously dispersed for greater than two months, while typical foam control agents show significant signs of separation after a few days.

**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.

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