

SAG™ 622 Antifoam Emulsion

Product Description

SAG 622 antifoam emulsion is a durable silicone emulsion and an excellent candidate to consider for use in controlling foam in high temperature aqueous systems such as the Jet Dyeing process. It is easy-to-use and typically displays superior dispersibility in both nonionic and anionic aqueous foaming media. It does not form free surface oil or non-dispersed particles.

SAG 622 antifoam emulsion allows foam control over a broad pH range and temperature range.

Key Features and Typical Benefits

- Excellent foam control at high temperature
- Exceptional foam control in nonionic and anionic surfactant systems
- Quick foam knockdown
- Persistent antifoam performance
- Widely applicable
- Good emulsion stability and dilution stability
- Readily dispersible in the foaming media

Typical Physical Properties

Appearance	Opaque-white emulsion
Solid Content, %	20
Viscosity at 25 °C, after stirring, cps	600
pH	7.0
Ionic Character	Nonionic
Suitable Diluent	Water

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

Potential Applications

SAG 622 antifoam emulsion has found utility in many textile wet processing applications, such as:

- Foam control in textile pre-treatment processes and textile print paste
- Textile sizing and scouring agents
- Acrylic latexes and thickeners used for textiles and nonwovens
- Other chemical processes requiring foam control

General Considerations for Use

SAG 622 antifoam emulsion is preferably added before foam formation although it can also act as a defoamer to destroy existing foam.

Use SAG 622 antifoam emulsion as received or dilute first with water.

- Mix the antifoam well before use
- Dilution: mix 3 to 10 parts of diluent to 1 part of antifoam; stir gently until a uniform mixture is obtained
- For long-term bulk stability of dilution, use a thickened water diluent

When evaluating SAG 622 antifoam emulsion:

- We recommend that 10 -100 ppm of as-received product is evaluated initially
- Adjust use levels according to the observed performance

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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