

SAG™ 630 Antifoam

SAG* 630
silicone antifoam emulsion

Product Description

SAG* 630 antifoam is an excellent candidate to consider for foam control in aqueous systems. It is generally extremely stable and easy to handle. SAG 630 antifoam typically works well in applications requiring excellent knock down and durability. Low concentrations can sharply reduce foam created, thereby cutting down processing time and permitting maximum capacity production. It can be a potentially cost-effective way to develop foam-free formulations.

Key Features and Typical Benefits

- general-purpose, industrial grade reliability
- durable and potentially cost-effective foam control for non-ionic and anionic surfactant systems
- excellent dispersibility
- oil-free dilution
- excellent stability

Typical Physical Properties

Appearance	White
Form	Liquid
Solids Content, %	38
Viscosity (25 °C, after stirring)	1000 cPs
pH	7.5
Density at 25°C, g/cm ³	1.0
Suitable diluent	Water

Typical data are average data and actual results may vary.

Typical data shall not be used as product specifications.

Potential Applications

SAG 630 antifoam typically exhibits excellent product performance as a defoamer as well as an antifoam agent. Therefore, it is customary that SAG 630 be added to the aqueous system before the foaming process starts.

Generally, very low concentrations of 50 - 100 ppm or 0.05 - 0.1 g/L of SAG 630 are enough for the foam control application. However, the optimum level is dependent upon many factors such as temperature, bath composition, viscosity or agitation of the foaming system. Performance is also dependent on the defoaming requirement of the system, and the concentration of SAG 630 antifoam may be increased or decreased to obtain the desired level of foam control.

SAG 630 antifoam may be considered for prevention or suppression of foam in a number of applications, including:

- Textile sizing, scouring and finishing
- Water treatment systems
- Agrochemical formulations
- Adhesive and glue manufacturing
- Rubber latex processing
- Chemical specialty formulations (such as alkaline cleaners and heavy-duty detergents)
- Paper making and finishing
- Amine scrubbing / glycol dehydrators

- Metal etching solution
- Leather tanning

Patent Status

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Product Safety, Handling and Storage

To ensure that the product quality is maintained, the container should be tightly sealed when not in use. Store at normal room temperature, and prevent prolonged exposure to extreme heat or freezing conditions, which may cause product separation. If separation does occur, thaw if frozen, stir the contents, and use in the normal manner.

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Limitations

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