



SURFATA® AG 5039

Composition

Acrylic copolymer

Application

SURFATA® AG 5039 new generation of dispersing and wetting additive for aqueous suspension concentrates (SC), very suitable for formulations with a high-volume fraction of solids and where it is needed a low viscosity and high stability. Also acts as a crystal growth inhibitor.

Mode of Action

SURFATA® AG 5039 is adsorbed permanently on the surface of particles forming a very efficient steric barrier, preventing the tendency to flocculate and resulting suspension concentrates formulations with high stability.

Typical Properties

Appearance, 25 °C	Colorless to amber viscous liquid, may occur turbidity
Density, 25°C (g/ml)	1,03
Flashpoint, °C	> 100

Values indicated in this data sheet describe typical properties and do not constitute specification limits. Please refer to product specification sheet.

Application Areas

- SC - Suspension concentrates
- SP - Suspoemulsions

Features and Benefits

- Irreversible adsorption on the particle surface providing excellent steric stabilization.
- Highly concentrated dispersions.
- Cost-effective alternative to traditional ionic and nonionic dispersants used to produce aqueous dispersions.
- No sensibility to the presence of electrolytes.
- Efficient at low usage concentration.
- Reduces milling time.



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Incorporation and Dosage

For optimum performance the **SURFATA® AG 5039** should be added to the water before dispersion process.

% based upon total formulation	1 – 5
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Transport and Storage

Separation and turbidity may occur during storage. There is no interference in the product performance.

Keep in a dry, cool and well-ventilated place. Keep product away from heat and sources of ignition. Store in original containers.

Safety and Handling

Please refer to product MSDS.

Note: These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale. Suggestions for use of our products or the inclusion of descriptive material from patents and the citation of specific patents in this publication should not be understood as recommending the use of our products in violation of any patent.

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