

## Technical Data Sheet

Last revised: **01-2019**

### DELTA-FC<sup>®</sup> 1501

**DELTA-FC<sup>®</sup> 1501** is a silicon-free defoamer that is characterized by having a long-lasting defoaming effect in different synthetic latex and emulsion systems based on styrene-butadiene, acrylic and polyvinyl acetate (mat to semi-glossy). **DELTA-FC<sup>®</sup> 1501** is suited for **coatings** and **printing inks**.

#### **Specifications:**

Composition	:	Mixture of mineral oils and hydrophobic components, silicone-free
Specific gravity @ 20°C	:	0.78 – 0.88 g/cm <sup>3</sup>
Appearance	:	Hazy light yellow opaque liquid

Methods of analysis can be received upon request

#### **Applications and usage:**

##### Coatings

**DELTA- FC<sup>®</sup> 1501** is a silicone-free cost effective defoamer based on a mixture of mineral oils and hydrophobic components in hydrocarbon carrier.

**DELTA- FC<sup>®</sup> 1501** is characterized by having a long-lasting defoaming effect in different synthetic latex and emulsion systems based on styrene-butadiene, acrylic and polyvinyl acetate.

**DELTA- FC<sup>®</sup> 1501** controls the foaming tendency of surfactants in water based coatings and ink formulations (mill-base and let-down) without affecting the final film properties.

**DELTA- FC<sup>®</sup> 1501** has good storage stability with low tendency to sedimentation over time. Due to its high incompatibility, which makes it strong in defoaming, the influence of **DELTA- FC<sup>®</sup> 1501** upon the transparency of clear or non-pigmented systems must be evaluated.

It can be added at any stage of manufacture. For effective foam destabilization, it is advisable though to add a part of the dosage of **DELTA- FC<sup>®</sup> 1501** prior to processing and a part during the let-down stage.

**0.1-1.0% on total formulation weight**

#### **Safety and Handling:**

**DELTA-FC<sup>®</sup> 1501** should be handled in accordance with good industrial practice. Detailed information can be found in the Safety Data Sheet.

#### **Storage:**

**DELTA-FC<sup>®</sup> 1501** should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 1 year from the date of manufacture. The production date is indicated on the container. Stir well before use as a slight sedimentation may occur after long storage time but this does not have any influence on the product performance.



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**Packaging:**

50 kg and 175 kg non-returnable plastic containers.

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