



## DELTA-FC® 1521

DELTA-FC® 1521 is a silicon-free defoamer that is effective in a wide range of water-based systems especially those based on styrene-butadiene, polyvinyl acetate, acrylic and water-soluble alkyds (mat to semi-glossy). DELTA-FC® 1521 is suited for coatings and printing inks.

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### Specifications:

Composition	:	Mixture of mineral oils and hydrophobic components, silicone-free
Specific gravity @ 20°C	:	0.85 – 0.95 g/cm <sup>3</sup>
Appearance	:	Hazy yellow to amber opaque liquid

Methods of analysis can be received upon request

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### Applications and usage:

#### ► Coatings

DELTA-FC® 1521 is a silicon-free wide spectrum defoamer based on complex hydrocarbons. DELTA-FC® 1521 causes no discoloration and may be used in formaldehyde sensitive systems. DELTA-FC® 1521 controls the foaming tendency of surfactants in water-based coating and ink formulations (mill-base and let-down) especially those based on styrene-butadiene, polyvinyl acetate, acrylic and water-soluble alkyds. DELTA-FC® 1521 can be also effective in other applications such as the ceramic and paper industries and rubber/latex formulations. Due to its high incompatibility, which makes it strong in defoaming, the influence of DELTA-FC® 1521 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® 1521 prior to processing and a part during the let-down stage. 0.1-1.0% on total formulation weight

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### Safety and Handling:

DELTA-FC® 1521 should be handled in accordance with good industrial practice. Detailed information can be found in the Safety Data Sheet.

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### Storage:

DELTA-FC® 1521 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 180 kg non-returnable plastic containers.

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