

# Silicone Free Defoamer DCA-441

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 [dcachem.com/portfolio/silicone-free-defoamer-dca-441](https://dcachem.com/portfolio/silicone-free-defoamer-dca-441)

## Introduction

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DCA-441 is a non-silicone defoamer suitable for both solvent-based and solvent-free coatings, offering significant improvement in flow properties and exhibiting strong foam suppression, defoaming, and bubble-breaking effects. It is particularly effective in high-viscosity coating systems. DCA-441 also has good compatibility within systems, not prone to causing shrinkage holes, ensuring safe usability.

## Physicochemical Data

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- Chemical composition: Acrylic ester copolymer
- Appearance: Light yellow viscous liquid
- Active content: 100%
- Solvent: None

## Product features

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- DCA-441 enhances coating flowability and film smoothness.
- Tackles defoaming challenges in high-viscosity systems, reducing bubble incorporation during mixing.
- Suitable for thick coating applications, overcoming foaming and pinholing issues for a smooth film surface.
- Optimizes compatibility and safety in coating systems.

## Application areas

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Applicable in a variety of systems including two-component PU, amino baking paint, nitro dipping, acid-cured amino, epoxy, both in solvent-based and solvent-free formulations.

## Similar Products: AC-300, AC-270

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Our products have a good cost-performance ratio, receiving positive feedback from customers in China and overseas markets.

## Addition Method

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0.1% to 1.0% of the total volume; optimal dosage should be determined through testing. For best results, mix under high shear force, preferably before grinding.

## Packaging and storage:

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25KG metal drum, stored in a cool and dry place.

**Note:** The purpose of this manual is to provide basic product information to technical personnel involved in the development of coatings, inks, pesticides, and other industries. It is intended for research and reference use and does not carry any warranties. Please conduct preliminary tests to assess its suitability.