

# Anti-flash rust agent DCA-8983

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 [dcachem.com/portfolio/anti-flash-rust-agent-dca-8893](https://dcachem.com/portfolio/anti-flash-rust-agent-dca-8893)

## Introduction

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Anti-flash rust agents are designed to inhibit the formation of rust or corrosion on metal surfaces during the period between surface preparation and the application of a more permanent protective coating, such as paint or primer. They work by forming a temporary barrier on the metal surface that prevents moisture from reaching the metal and causing rapid rusting.

DCA-8983 is an anti-flash rust additive composed of a combination of organic carboxylic acid salts and inorganic sodium salts, which has excellent performance in preventing corrosion in **water-based** industrial paint systems

## Physicochemical Data

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- Chemical composition: Complex of organic carboxylic acid salts and sodium nitrite
- Appearance: Colorless transparent liquid
- Active content: 30%
- Solvent: Water

## Product features

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- Flash Rust Prevention: The primary function of the anti-flash rust agent is to prevent the rapid formation of flash rust on metal surfaces exposed to moisture or humidity between surface preparation and the application of a more permanent coating.
- Water Soluble: It is water-soluble, ensuring easy dispersion and uniform distribution within the paint system.
- Compatibility with Water-Based Systems: It is specifically designed for use in water-based paint systems, making it suitable for a wide range of water-based coatings, including primers, metal coatings, marine coatings, automotive coatings, and more.

## Application areas

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- Water-based primers: Used to provide adhesion, corrosion resistance, and a suitable base for subsequent coatings.

- Water-based metal coatings: Applied on metal surfaces to provide protection against corrosion and environmental damage.
- Water-based marine coatings: Used on ships, boats, and marine structures to prevent rust and maintain the integrity of the metal surfaces.
- Water-based automotive coatings: Applied on automotive components to protect against corrosion and enhance the appearance of the vehicle.

## **Addition Method**

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Usually, it could be charged at random stage during the produce with **0.1%** to 2% dosage to gross.

## **Packaging and storage:**

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25KG plastic 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.