

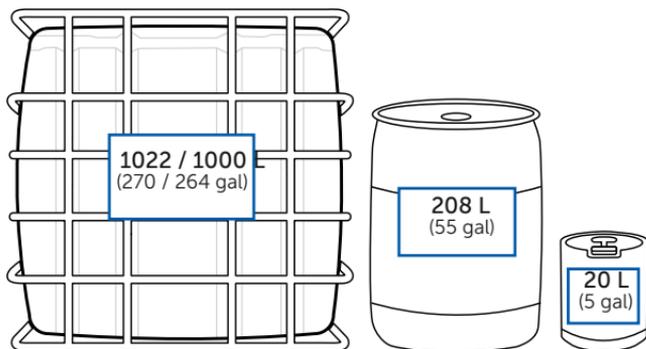
422



DESCRIPTION

Chematic® 422 is a formulated detergent designed for the removal of multiple coating and immediate release formulations. It is especially effective at cleaning residues containing high levels of polymer and pigments such as titanium dioxide, iron oxides, and talc. This specialty detergent readily penetrates and removes the multiple layers of product residues, suspending it to avoid redeposition. This single cleaner can be used to remove residues from coating pans, fluid bed processors and other manufacturing equipment.

AVAILABLE IN THESE SIZES



SUBSTRATE COMPATIBILITY

- Product is safe on stainless steel, glass, and most plastics and polymers.
- Product should be thoroughly rinsed off surfaces.

CLEANING VALIDATION SUPPORT

HPLC, TOC, and other analytical methods are provided by Dober.

APPLICATIONS & USAGE



CIP



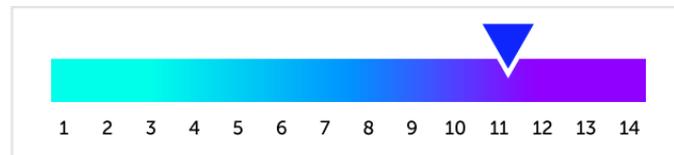
COP



SPRAY



MANUAL



pH use solution: 10.30-11.30 (3% v/v)

CLEANING INSTRUCTIONS

Below is an example of a typical cleaning cycle using Chematic® 422 cleaner:

MANUAL CLEANING

- 1) Cold water pre-rinse
- 2) 4%-6% Chematic® 422, 20°C-55°C. Soak for 10-45 minutes. Light manual scrub.
- 3) Cold water rinse

The process steps outlined are meant to be starting points for cleaning cycle development. To discuss a cleaning process based on your coating process and cleaning capabilities please contact Dober's Chematic Division

CONCENTRATION

The actual concentration required can depend on several factors, from coating formulation, residue thickness and how long the residue has been on the equipment surface.

TIME

The time required for the detergent step will be dependent on the amount of residue on the equipment as well as how long the residue has been on the equipment.

CIP/WIP CLEANING

- 1) Cold water pre-rinse
- 2) 4%-6% Chematic® 422, 45°C-60°C. Soak for 30-60 minutes.
- 3) Cold water rinse

TEMPERATURE

Chematic® 422 works in a temperature range between 20°C-60°C.

- The detergent should not be run in a Clean-in-Place system below 50°C (foam may occur).
- A cold pre-rinse step may aid in the removal of certain coating formulations.
- A higher concentration may yield better results if a lower temperature is used.

OptiClenz™, High Performance Cleaning combines the trusted performance of Dober's Chematic® detergents with Colorcon's industry and practical application expertise.