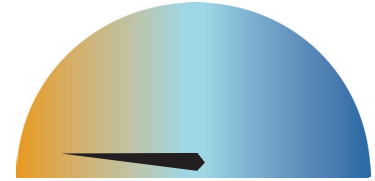


CHEMATIC® RL/RS CLEANER

DESCRIPTION

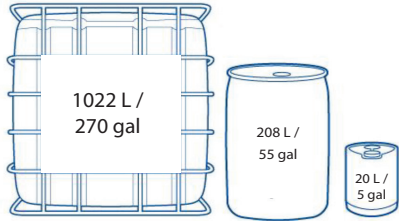
Chematic® RL/RS Cleaner is a formulated detergent designed for the removal of EUDRAGIT® RL & EUDRAGIT® RS coatings found in pharmaceutical manufacturing operations. This specialty formulation readily cleans the multiple layers of product and polymer associated with the use of these coatings. This single detergent can be used to remove residues from coating pans, fluid bed dryers/coaters or any equipment used in the coating process.



ALKALINE

pH Use Solution: 2.0 - 3.0 (10% v/v)

AVAILABLE IN



SUBSTRATE COMPATIBILITY

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

Precautionary Statement: Please refer to the current Safety Data Sheet.

CLEANING VALIDATION SUPPORT

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

APPLICATIONS & USAGE



CIP



COP



Spray



Manual

FOR ADDITIONAL INFORMATION, CONTACT CHEMATIC® AT:



INSTRUCTIONS

Below is an example of a typical cleaning cycle using Chematic® RL/RS Cleaner:



Manual Cleaning



CIP/ WIP Cleaning

Step: 1	Cold Water Pre-Rinse	Cold Water Pre-Rinse
Step: 2	4% - 8% Chematic® RL/RS, 25C - 50C	4% - 8% Chematic® RL/RS, 50C - 80C
Step: 3	Cold Water Rinse	Cold Water Rinse
Step: 4	Repeat steps 2 and 3 as needed	Repeat steps 2 and 3 as needed

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.



TEMPERATURE

Chematic® RL/RSCleaner is designed to work in a temperature range between 50°C-60°C for manual applications and 70°C-80°C for Clean-in-Place applications.

- At 50°C, the detergent can be used in a manual application. Below 50°C, the detergent will work, but an increased detergent concentration or increased time may be required
- Coatings contain Eudragit® RL and/or Eudragit® RS will dissolve quicker at higher temperature when using Chematic® RL/RS

FOR MORE INFORMATION, CONTACT CHEMATIC AT:



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