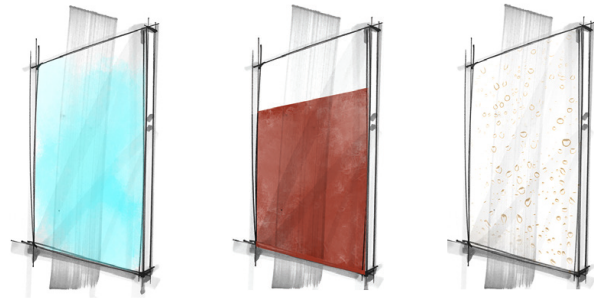


An optimized cleaning process will remove tough soil or residue

# CHEMATIC<sup>®</sup> FL CLEANER

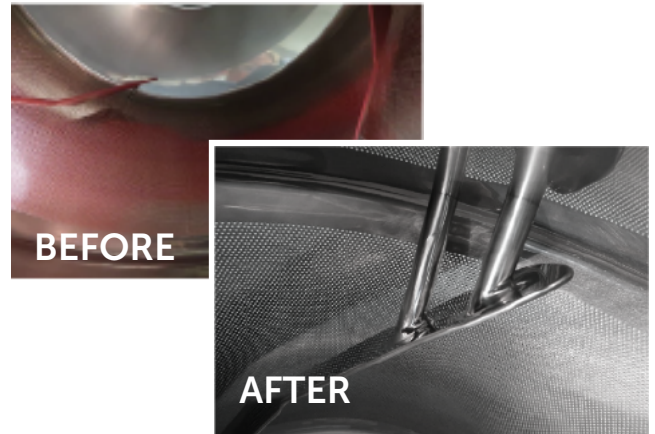
LESS CLEANING  
MORE PRODUCTION  
GUARANTEED



Chematic<sup>®</sup> FL Cleaner by Dober is a formulated detergent designed to remove residues of Enteric EUDRAGIT<sup>®</sup> FL 30 D-55. It is especially effective at removing coatings containing high levels of polymer and pigments such as titanium dioxide, iron oxides and talc with increased efficiency by eliminating multi-step cleaning process. This single detergent can be used to remove residues from all pharmaceutical equipment including coating pans, fluid bed equipment and granulators.

## ADVANTAGES

- Single step cleaning process for complete formulation including pigments and titanium dioxide.
- Solubilizes polymer and keeps entire formulation suspended to prevent redeposition/recleaning.
- Reduction of cleaning downtime and increased cleaning efficiencies.
- Robust cleaning with hard water and fluctuating temperatures.
- Compatible with most of the production equipment MOC.
- Reduction in water consumption.
- Improved safety.
- Validation support.



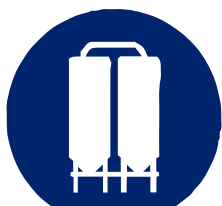
### MANUAL CLEANING

### CIP/WIP CLEANING

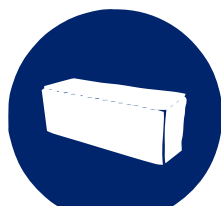
	MANUAL CLEANING	CIP/WIP CLEANING
STEP ONE	No pre-rinse	No pre-rinse
STEP TWO	4-6%, soak for 15-30 min, 40-50°C	5-8%, soak for 60 min, 50-60°C
STEP THREE	Cold water rinse 20-30°C	Cold water rinse 20-30°C

The process steps outlined are to be a starting point for cleaning cycle development. Contact our Chematic Division to discuss a cleaning solution based on your coating process.

## APPLICATIONS/USAGES



CIP



COP



SPRAY



MANUAL