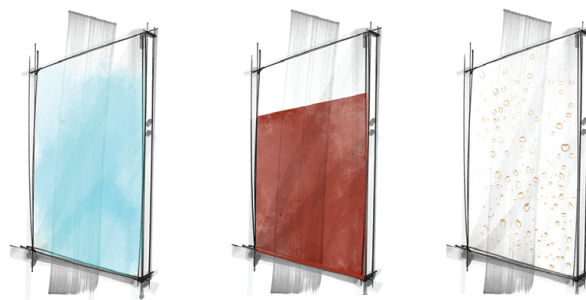


An optimized cleaning process will remove tough soil or residue



CHEMATIC[®] L/S PLUS

LESS CLEANING
MORE PRODUCTION
GUARANTEED

Chematic[®] L/S Plus Cleaner by Dober is a formulated detergent designed to remove residues of Enteric EUDRAGIT[®] polymers like L, S, and FS. 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 the 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.

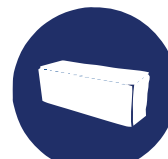
APPLICATIONS/USAGES



CIP



SPRAY



COP



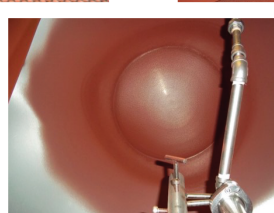
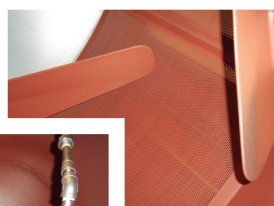
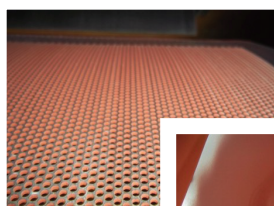
MANUAL

MANUAL CLEANING

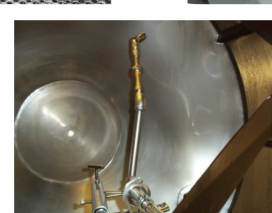
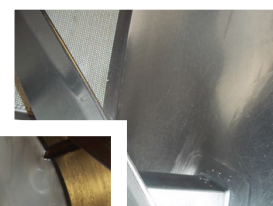
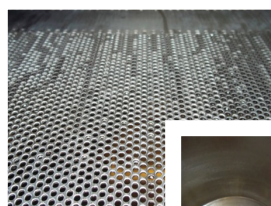
CIP/WIP CLEANING

	MANUAL CLEANING	CIP/WIP CLEANING
STEP ONE	Water pre-rinse 20-30°C	Water pre-rinse 20-30°C
STEP TWO	4-6%, Chematic L/S Plus, 20-50°C	4-6%, Chematic L/S Plus, 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.



BEFORE



AFTER