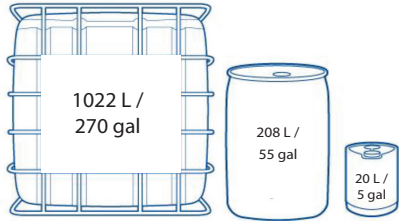


CHEMATIC® NE/NM CLEANER

DESCRIPTION

Chematic® NE/NM Cleaner is a formulated detergent designed for the removal of EUDRAGIT® NE 30 D & NM 30 D and associated coatings found in pharmaceutical manufacturing operations. This specialty formulation readily penetrates and removes 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 or fluid bed dryers/coaters.

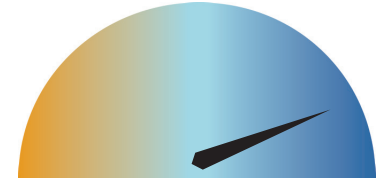
AVAILABLE IN



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.



ALKALINE

pH Use Solution: 11.0 - 12.0 (10% v/v)

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:



www.dober.com





Phone: 630.410.7300



chematic@dober.com

INSTRUCTIONS

Below is an example of a typical cleaning cycle using Chematic® NE/NM Cleaner:

	 Manual Cleaning	 CIP/ WIP Cleaning
Step: 1	Water Pre-Rinse	Water Pre-Rinse
Step: 2	4% - 8% Chematic® NE/NM, 50C - 60C	4% - 8% Chematic® NE/NM, 50C - 60C
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® NE/NM Cleaner is designed to work in a temperature range between 50°C & 60°C.

- The detergent should not be run in a Clean-in-Place system below 50°C.
- A cold pre-rinse step may help remove pigments found in some coatings.
- Initial post rinses should be performed cold.

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