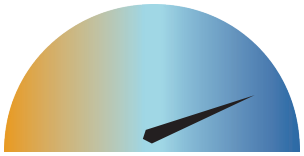
chematic®
formulated detergents®

CHEMATIC® 410

DESCRIPTION

This new formulation was developed specifically to clean residues that contain titanium dioxide. Its effectiveness at removing TiO2 coatings reduces the need for manual cleaning and equipment disassembly. Chematic® 410 works extremely effectively with mild agitation and at a wide range of temperatures. Its mild pH and low foaming characteristics make it the perfect solution for agitated immersion, CIP applications, and COP immersions, while remaining safe to be used with manual applications. This versatility allows customers to use Chematic® 410 in a variety of cleaning application combinations normally found in coating and tableting processes.



ALKALINE

PHYSICAL PROPERTIES

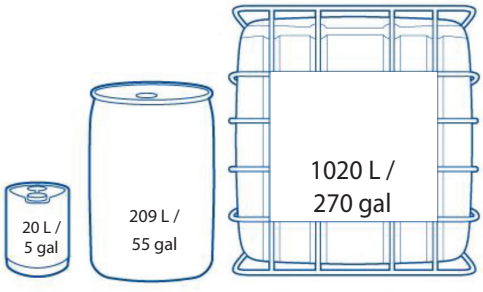
Physical Form	Liquid	**Specific Gravity at 68˚F**	1.000 - 1.050
Appearance	Transparent, Light Yellow	**Foaming**	Low Foaming @ Use Temperature
pH Use Solution	9.5 - 10.2	**Typical Storage Temperature**	50 ˚F - 120 ˚F

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 Material Safety Data Sheet.

AVAILABLE IN



CLEANING VALIDATION SUPPORT

HPLC, TOC, IMS and other analytical methods are provided by the Dober Group. Validation consulting support ranging from complete project management to sampling and swabbing methodologies and assistance is available from our validation consulting group.

APPLICATIONS & USAGE

CIP *COP* *Spray*

Concentrations from 1%-10% v/v
Temperatures of 35˚C–80˚C

Manual

Concentrations from 0.5%-5% v/v
Temperatures of 20˚C–50˚C

FOR ADDITIONAL INFORMATION, CONTACT CHEMATIC AT:

630.410.7300
chematic@dober.com
www.dober.com

DOBER