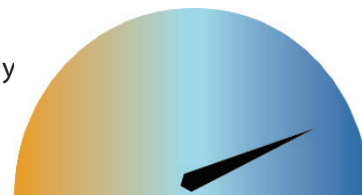


CHEMATIC® 640

DESCRIPTION

Chematic® 640 is a unique blend of surfactants, dispersants, and wetting agents ideally suited for CIP, COP, spray, and high pressure cleaning of process equipment found in pharmaceutical, biopharmaceutical and cosmetic facilities. Chematic® 640 may be used in combination with Chematic® 670, as an alternative to hydrogen peroxide for the removal of lotions, creams, and other personal care soils.

Chematic® 640 is free rinsing.



ALKALINE

PHYSICAL PROPERTIES

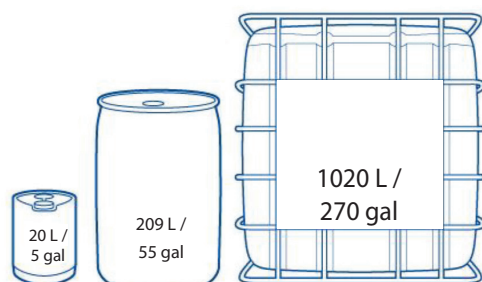
Physical Form	Liquid	Specific Gravity at 68°F	1.013 - 1.043
Appearance	Clear; Colorless	Foaming	Low Foaming @ Use Temperature
pH Use Solution	10.0 - 11.0	Typical Storage Temperature	40 °F - 100 °F

SUBSTRATE COMPATIBILITY

- Product is safe on stainless steel, glass and most plastics and polymers.
- Product should be thoroughly rinsed off surfaces.
- Not recommended for soft metals.

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

AVAILABLE IN



FOR ADDITIONAL INFORMATION, CONTACT CHEMATIC AT:

630.410.7300
 chematic@dober.com
 www.dober.com

CLEANING VALIDATION SUPPORT

HPLC and TOC methods are provided by Dober. 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 50°C–80°C



Manual

Concentrations from 0.5%-3% v/v
 Temperatures of 25°C–50°C