

# Chematic 7



## Description

Chematic 7 is a highly concentrated phosphoric acid based cleaning compound. It has been formulated for the removal of acid-soluble soils in the pharmaceutical, cosmetic, and food processing industries. The low foam surfactant package in Chematic 7 makes it ideally suited for high pressure cleaning applications, such as Clean-in-Place (C.I.P.), and power washing. The acid/detergent combination in Chematic 7 makes it effective in removing hardness scale and deposits, corrosion products, milkstone, metal oxides, and tarnishes. Perfectly suited for derouging stainless steel equipment. The detergent package makes this cleaner free rinsing and easy to treat in the wastewater process.

## Physical Properties

<b>Physical Form:</b>	Liquid
<b>Appearance:</b>	Transparent, water-white liquid
<b>pH Use Solution: (1%-5% v/v):</b>	< 2.5
<b>Specific Gravity at 68 °F:</b>	1.310 – 1.340
<b>Foaming:</b>	Low foaming above 40 °C

**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.

## Applications and Usage:

**CIP, COP & Spray Applications:**  
Concentrations from 1% - 10% v/v  
Temperatures: 40 °C - 80 °C

**Manual Application:**  
Concentrations from 0.5% - 5% v/v  
Temperatures: 20 °C - 50 °C

## Cleaning Validation Support:

TOC, IMS and other 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.

## Authorization:

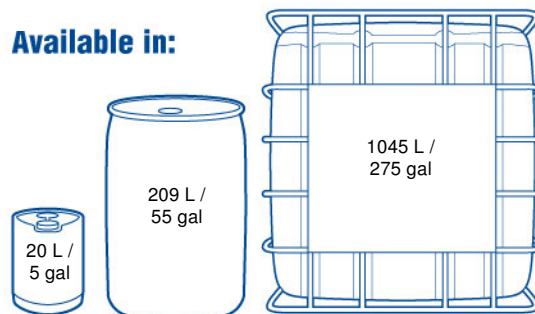
Chematic 7 complies with EU Regulation (EC) No. 648/2004



- Compliant
- Regulation (EC) No. 648/2004
  - Commission Directive 2001/58/EC



## Available in:



**DOBER**  
RESEARCH WORKS

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