

# Chematic 91



## Description

Chematic 91 is a highly concentrated hydroxyacetic 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 91 makes it ideally suited for high pressure cleaning applications, such as Clean-In-Place (C.I.P.), and power washing. The acid/surfactant combination in Chematic 91 makes it effective in removing corrosion products, milkstone, metal oxides and tarnishes, as well as oily or waxy soils. The surfactant 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>	1.100-1.150
<b>Foaming:</b>	Low foaming

**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: 45°C-80°C

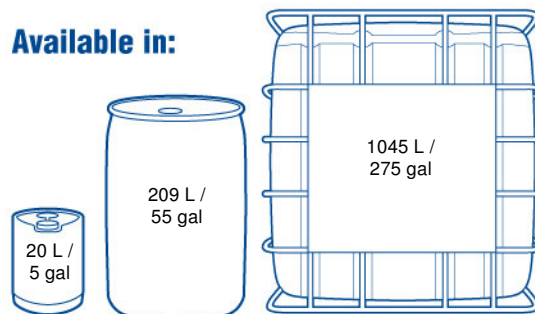
**Manual Application:**  
Concentrations from 0.5%-5% v/v  
Temperatures: 25°C-50°C

## Cleaning Validation Support:

HPLC, TOC, IMS and other analytical 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.



## Available in:



**DOBER**  
RESEARCH WORKS

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