

# Chematic 99



## Description

Chematic 99 is a heavy-duty, moderately alkaline cleaning compound in an easy-to-use liquid form. The surfactant system selected is active across a wide range of temperatures. Chematic 99 is extremely free rinsing and effective in hard water. Chematic 99 has been found to be a safe and effective replacement for solvents (Methanol, Acetone) used in a cleaning process.

## Physical Properties

<b>Physical Form:</b>	Liquid
<b>Appearance:</b>	Colorless to amber
<b>pH Use Solution: (1%-5% v/v):</b>	7.5-9.0
<b>Specific Gravity at 68°F:</b>	1.020-1.040
<b>Solubility:</b>	Complete in water

**Substrate compatibility:** Product is safe on stainless steel, glass, soft metals and most plastics and polymers. Product should be thoroughly rinsed off surfaces.

**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: 55°C-70°C

**Manual Application:**  
Concentrations from 1%-5% v/v  
Temperatures: 25°C-60°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.

## Authorizations:

Chematic 99 has the following Government Agency authorization:

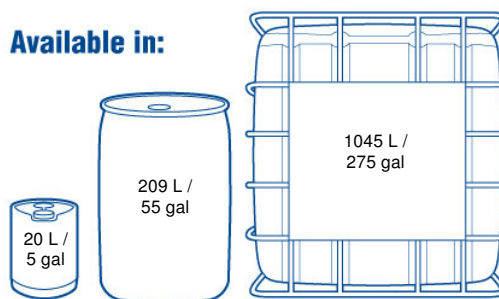
USDA inspection and grading program A1

Hard surface cleaning on glass and steel surfaces by manual or spray

Soft surface cleaning of filter bags



Available in:



**DOBER**  
RESEARCH WORKS

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