



## **CLEAR SOL 2500 CHLORINATED FOAM CLEANER**

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# Technical Data Sheet

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### **SELF-FOAMING CHLORINATED CLEANER**

#### **PURPOSE AND USE**

CLEAR SOL 2500 CHLORINATED FOAM CLEANER is a heavy-duty, self-foaming, chlorinated alkaline cleaner for foam, spray, soak, and high pressure cleaning applications in the food processing and beverage industries. New surface tension reduction technology greatly enhances performance and rinsing.

#### **FEATURES/BENEFITS**

Self-foaming	No additives necessary for foam applications
Chlorinated Product	Rapid attach and removal of organic and protein soils
Liquid	Completely soluble and easy to dispense
Surfactants	Reduced Surface Tension Technology
Free rinsing	Streak free and shiny surfaces

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## DISCUSSION

Foam cleaning provides significant sanitation benefits, including reducing cleaning time and expense. Stable foam improves retention time on vertical and overhead surfaces resulting in increased soil penetration and removal. It is the correct cleaning method when the area to be cleaned is large, difficult to reach, or the surface is irregular. Typical applications include general equipment cleaning, overhead fixtures, piping, ceiling, and walls and floors.

CLEAR SOL 2500 CHLORINATED FOAM CLEANER can be used in a wide variety of foam, spray, and soak cleaning operations to remove protein films and fatty deposits. CLEAR SOL 2500 CHLORINATED FOAM CLEANER does not require additives to use in foam cleaning application and, at the same time, is formulated to provide free rinsing with a minimum volume of water. Feeding and control of CLEAR SOL 2500 CHLORINATED FOAM CLEANER can be easily automated to provide greater economy and increased worker safety.

**AUTHORIZATION:** CLEAR SOL 2500 CHLORINATED FOAM CLEANER has the following government agency authorization:

U.S.D.A. Inspection and Grading Program:

A.I. Compounds for use as general cleaning agents on all surfaces, or for use with steam or mechanical cleaning devices in all departments

Before using these compounds, food products and packaging materials must be removed from the room or carefully protected. After using these compounds, surfaces must be thoroughly rinsed with potable water.

## CORROSION DATA

CLEAR SOL 2500 CHLORINATED FOAM CLEANER can be used at recommended concentrations on all grades of stainless steel, natural, and most synthetic rubbers and plastics.

Do not soak clean aluminum or galvanized parts in CLEAR SOL 2500 CHLORINATED FOAM CLEANER solutions.

## HOW TO USE

Refer to the table for the specific operating conditions of CLEAR SOL 2500 CHLORINATED FOAM CLEANER used in the cleaning operations described below. All these cleaning systems have the same initial requirement which includes a pre-rinse of the contact surfaces to remove all the loose soil prior to the actual cleaning operation.

### Foam Cleaning:

1. Foam a solution containing CLEAR SOL 2500 CHLORINATED FOAM CLEANER at Concentration A onto the equipment. Allow contact time of 5 to 15 minutes for the foam blanket, but do not allow the foam to dry on surfaces.
2. Rinse thoroughly with potable water.
3. Sanitize with the appropriate sanitizer. Rinse with potable water if required.

**Pressure Cleaning**

1. Spray a solution containing CLEAR SOL 2500 CHLORINATED FOAM CLEANER at Concentration B at 140°F (60°C) onto the surface and allow 5 to 10 minute contact time. Do not allow foam to dry.
2. Rinse thoroughly with potable water.
3. Sanitize with the appropriate sanitizer. Rinse with potable water if required.

**Soak Cleaning**

1. Soak parts in CLEAR SOL 2500 CHLORINATED FOAM CLEANER at Concentration C at 110° to 120°F (43° to 60°C).
2. Rinse thoroughly with potable water.
3. Sanitize with the appropriate sanitizer. Rinse with potable water, if required.

<b>Concentration</b>	<b>A</b>	<b>B</b>	<b>C</b>
<b>fl oz/gal</b>	4 to 6	1 to 2	2 to 4
<b>mL/L</b>	32 to 48	8 to 16	16 to 32
<b>fl oz/gal</b>	5.1 to 7.5	1.3 to 2.6	2.6 to 5.1

**PROPERTIES**

Form	Pale yellow/green liquid
Odor	Mild chlorine
Average Specific Gravity	1.108
Freeze Point	-15°F (-26°C)
Available Chlorine, % (as packaged)	14
Phosphorous as P, %	1.7
pH, 1% solution, nominal	> 13