



Tech

Technical Data

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## CRIMSON Chlor

### GENERAL DESCRIPTION:

Sodium hypochlorite (NaOCl) solution is commonly known as a household bleach. At stronger concentrations, it is used for bleaching paper pulp and textiles. Other applications include chemical intermediate for the manufacture of organic chemicals, in water purification, in medicine, in fungicides, in swimming pool disinfectants and as a germicide.

### PHYSICAL & CHEMICAL PROPERTIES:

- ◆ Appearance: Clear
- ◆ Color: Colorless to yellow
- ◆ Odor: Characteristic bleach odor
- ◆ Odor Threshold: 2 ppm approximate
- ◆ Flash Point: Not flammable
- ◆ Boiling Point/Range: 230°F (110°C)
- ◆ Decomposition temperature: 230°F (110°C)
- ◆ Density: 9.9 – 10.5 lb/gal
- ◆ Specific Gravity (water=1): 1.27
- ◆ Water Solubility: 100%
- ◆ pH: 12

### \*\*\*IN CASE OF SPILL OR RELEASE\*\*\*: NEVER FLUSH TO SEWER

Contain spill with dike to prevent entry into sewers or waterways. For small spills, absorb with inorganic absorbents. Flush spill area with water ONLY IF water can be collected, and place in appropriate container for proper disposal. For large spills, dike and pump into properly labeled containers for proper disposal. Report release, if required, to the appropriate local, state and federal agencies.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

DIRECTIONS FOR SANTIZING FOOD PROCESSING OR DAIRY EQUIPMENT: Clean equipment in a normal manner, Just before using; rinse all surfaces thoroughly with sodium hypochlorite solution containing 200 ppm available chlorine. Maintain contact with disinfectant for a minimum of two (2) minutes. Allow to air dry. Do not rinse with water after treatment with sodium hypochlorite solution. Do not soak overnight. Addition of one (1) fluid ounce (2 tablespoons) of this sodium hypochlorite solution per 5 gallons of water will provide approximately 200 ppm available chlorine by weight.

DIRECTIONS FOR EGG SHELL SANITIZER: For sanitizing clean shell eggs intended for food use, dilute this product to obtain a 200 ppm available chlorine solution. Temperature of solution should be at least 30 degrees F. warmer than eggs but not more than 130 degrees F. Suggested temperature of solution is 110-125 degrees F. Apply solution by spraying so as to wet eggs thoroughly for a contact time of one (1) minute. If solution is re-circulated, prepare a new solution daily or if solution falls below 50 ppm available chlorine as determined by a chlorine test kit.

DIRECTIONS FOR FRUIT AND VEGETABLE WASH: For in-plant chlorination of water used for washing fruits and vegetables, use a chlorinator to obtain a 25 ppm available chlorine residual in wash water as determined by a chlorine test kit. Addition of 5 ounces of this product per 200 gallons of water will provide approximately 25 ppm available chlorine by weight. Products must be thoroughly rinsed with potable water after treatment.

DILUTION GUIDE FOR USE CRIMSON CHLOR CHLORINATING SOLUTION:

Chlorine to Water = PPM Chlorine

1 ounce to 40 gal. = 25 ppm

1 ounce to 20 gal = 50 ppm

1 ounce to 10 gal = 100 ppm

1 ounce to 5 gal = 200 ppm