



CHLOR-CLEAN 12.5

DESCRIPTION:

CHLOR-CLEAN 12.5 is a liquid 12.5% sodium hypochlorite sanitizer and disinfectant. It can be an effective part of a sanitation program in food processing plants, milk plants, cheese plants, etc.

PROPERTIES:

Appearance: Yellowish green liquid with faint chlorine odor.
Specific Gravity: 1.23
Available Chlorine: 11.9% (2.0 fl. oz. in 10 gallons of water = 200 ppm)
U.S.D.A. Status: **CHLOR-CLEAN 12.5** is acceptable for use in food and beverage plants based upon U.S.D.A. guidelines. It meets the previously accepted guidelines for use as a D2 sanitizer for all surfaces not always requiring a rinse, and a Q4 shell egg sanitizing compound.
EPA Reg. No.: 550-198-110

APPLICATION:

CHLOR-CLEAN 12.5 may be applied to previously cleaned surfaces as a rinse, dip, C.I.P., spray or fog. For most uses, a minimum contact time of not less than two minutes is required. Rinse with potable water all food-contacting surfaces treated with over 200 ppm available chlorine. Do not soak in chlorine solutions overnight. Complete directions for use are on the product label.

TABLE OF DILUTIONS

<u>AVAILABLE CHLORINE</u>	<u>WATER</u>	<u>CHLOR-CLEAN 12.5</u>
100 ppm	10 gallons	1.0 ounces
200 ppm	10 gallons	2.0 ounces
600 ppm	10 gallons	6.0 ounces
1000 ppm	10 gallons	11.0 ounces

As an additive to boost the detergency of cleaning solutions, **CHLOR-CLEAN 12.5** is typically used at 500 to 1000 ppm as available chlorine.

PRODUCT CAUTIONS:

Harmful if swallowed. Avoid breathing vapors. Avoid contact with skin and eyes. Keep in a tightly closed container when not in use. Store in cool, dry, well ventilated area away from heat or open flame.

DO NOT MIX CHLOR-CLEAN 12.5 WITH ACIDS. THIS WILL FORM TOXIC CHLORINE GAS.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive, may cause severe skin and eye irritation or chemical burns to broken skin. Causes eye damage. Wear safety glasses or goggles and rubber gloves when handling this product. Wash after handling. Avoid breathing vapors. Vacate poorly ventilated areas as soon as possible. Do not return until strong odors have dissipated.

PHYSICAL OR CHEMICAL HAZARDS

STRONG OXIDIZING AGENT: Mix only with water according to label directions. Mixing this product with chemicals (e.g., ammonia, acids, detergents, etc.) or organic matter (e.g., urine, feces, etc.) will release chlorine gas which is irritating to eyes, lungs and mucous membranes.

STATEMENT OF PRACTICAL TREATMENT (FIRST AID)

IF CONTACT WITH EYES OCCURS, flush with water for at least 15 minutes. Get prompt medical attention.

IF CONTACT WITH SKIN OCCURS, wash with plenty of soap and water.

IF SWALLOWED, drink large amounts of water. **DO NOT** induce vomiting. Call a physician or poison control center immediately.

STORAGE AND DISPOSAL

Store this product in a cool dry area away from direct sunlight and heat to avoid deterioration. In case of spill, flood areas with large quantities of water. Product or rinsates that cannot be used should be diluted with water before disposal in a sanitary sewer. Do not reuse container but place in trash collection. Do not contaminate food or feed by storage, disposal or cleaning of equipment.

If use is contemplated for purposes other than, or by methods different from, those specifically recommended herein, please contact the manufacturer for advice.

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