

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

SEP 21 1989

Public Health Service  
Sanitation Division  
Washington, D.C. 20461

Dear Sir:

Our office has reviewed your Technical Data Sheet  
for CL-9 Sanitizer dated 09/19/89.  
The registration number is 100-11  
and the date of sale is 09/19/89.

In accordance with the Federal Insecticide, Fungicide, and Herbicide Act, it is provided that you:

1. Use the following labeling revision when you release the product for shipment bearing the amended labeling:
  - revise "See CL-9 Sanitizer for additional use directions and information" to read "See CL-9 Sanitizer Technical Data Sheet for additional use directions and information."
2. Submit the final printed labeling for inclusion in the product file.

57243:I: Douglas:K-9: KENCO: 09/19/89: 09/29/89: CL: VO: SW: EK: CT

CONCURRENCES

| SYMBOL  |  |  |  |  |  |  |  |
|---------|--|--|--|--|--|--|--|
| SURNAME |  |  |  |  |  |  |  |

Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,



Jeff Kempter  
Product Manager (32)  
Antimicrobial Program Branch  
Registration Division (H7505C)

Enclosure

**Precautionary Statements**

Hazards to Humans and Domestic Animals

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

DO NOT MIX WITH ACIDIC CHEMICALS

**ENVIRONMENTAL HAZARDS** - Avoid discharge into streams, ponds, or other water bodies. Do not use in areas where runoff is likely. Do not use in areas where runoff is likely. Do not use in areas where runoff is likely.

**PHYSICAL HAZARDS** - Avoid contact with eyes, nose, and mouth.

**STORAGE AND DISPOSAL**

- Do not contaminate water, food, or feed with storage or disposal.
- Store in original container.
- Do not reuse empty container.

**KEEP IN COOL DRY PLACE. KEEP LID CLOSED TO PREVENT LOSS OF STRENGTH.**

**Pesticide Disposal** - Pesticide wastes are acutely hazardous. Do not dispose of empty pesticide containers. Do not use in areas where runoff is likely. Do not use in areas where runoff is likely. Do not use in areas where runoff is likely.

**Container Disposal** - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or burn and dispose of in a sanitary landfill, or by incineration, if allowed by state and local authorities, by burning, if burned, in accordance with local authorities.

**Lined Fiber Drum** - Completely empty inner by shaking and tapping sides and bottom to loosen clinging pesticide residue into application equipment. Then dispose of residue in a sanitary landfill, or by incineration, if allowed by state and local authorities. If drum is contaminated and cannot be recycled, it must be incinerated.

PRODUCT No. 00895

# CL-9 SANITIZER

**MAKES CLEAR SOLUTION IN UP TO 30 GRAIN HARD WATER OR 500 PPM CALCIUM HARD WATER**

**ACTIVE INGREDIENT** 17.0%

**INERT INGREDIENT** 83.0%

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

**STATEMENT OF INDUSTRIAL OPERATIONS**

In case of eye contact, withdraw to a safe place and flush eyes with water for at least 15 minutes. Call a physician immediately. If swallowed, drink promptly 1 or 2 cups of water. Call a physician immediately. Avoid alcohol. Take care to avoid eye contact. Flush skin with plenty of cold water for at least 15 minutes. If irritation persists, seek medical attention. Remove and wash contaminated clothing before reuse.

**NOTE TO PHYSICIAN** - Probable mucosal damage may occur. Obtain the use of barrier masks, face shields, goggles, and respiratory depression and convulsion may be feared.

See left panel for additional precautionary statement.

EPA Registration No. 5035-17 EPA Est. No. 1-1774-1

No contents shown elsewhere on container.

FOR SANITIZING UTENSILS AND EQUIPMENT IN CIRCULATING SYSTEMS, ONCE-THROUGH OVERFLOW SYSTEMS, OR BY SPRAYING:

- Pre-rinse system to remove loose particles and debris.
- Wash system thoroughly with a Duflo's detergent.
- Rinse system thoroughly with potable water.
- Sanitize in a solution of 100 ppm available chlorine (1.5 ounces per 10 gallons of water) or one level tablespoon in 10 gallons of water. Immerse all utensils and glasses for at least 2 minutes.
- Allow equipment and utensils to drain and air dry.

Use solutions for circulate and systems, once-through overflow systems, or spray operations may not be re-used for sanitizing. Only one sanitization per solution is allowed. The solution may be used for cleaning or other purposes if it is not soiled.

**BEST AVAILABLE COPY**

SOLELY FOR INDUSTRIAL USE

**DuBOIS CHEMICALS, INC. • CINCINNATI, OHIO**

In Continental U.S.A. — DuCARE CUSTOMER SERVICE 1-800-543-4906 (8 a.m. - 5 p.m. EST Monday-Friday) • 24-Hour Message Center



*EGG SANITIZER intended with a solution 10 gallons of water. The solution sanitizes eggs, but not and allow to with this egg in the market. Potable water before casing reused for...*

*MICROBIOLOGICAL Methods. Cited Equine - not 1984, pages Results. Dubois (1/2) to 100 ppm of Sodium hypochlorite. The organism Salmonella typhimurium ATCC 14028 ATCC No. 1533 available up...*

ACCEPTED  
WILLIAM M. MILES  
in U.S.A. only

SEP 21 1989

File #  
Part #  
No.  
5736-17



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# CL-9 SANITIZER TECHNICAL DATA

- Complies with governing regulations - EPA--USDA
- Broad use applications: D.E. - C.P. and spray wash
- Effective against a wide spectrum of microorganisms
- Low use cost
- De-staining properties
- or control

**EGG SANITIZING:** To sanitize clean shell eggs intended for food or food products, spray with a solution of 1 1/2 ounces of CL-9 Sanitizer in 10 gallons of water (providing 100 ppm available chlorine). The solution must be equal to or warmer than the eggs, but not exceed 130°F. Wet eggs thoroughly and allow to drain. Eggs that have been sanitized with this chlorine compound may be broken for use in the manufacture of egg products without a prior potable water rinse. Eggs must be reasonably dry before casing or breaking. The solution must not be reused for sanitizing eggs.

### GENERAL DESCRIPTION:

CL-9 sanitizer is a white, dry powdered chlorine sanitizer highly effective for sanitizing food equipment in restaurants, food, meat, egg, and poultry processing, bakery, dairy and brewery operations. It makes a neutral, clear sanitizing solution, even in 30 grain hard water or 500 ppm (at 50) hard water.

CL-9 sanitizer meets all requirements of the Food and Drug Administration under Title 21 CFR, Chapter 173, Paragraph 173.1010 Sanitizing Solutions, Food Additive Law and USDA Meat, Poultry and Egg Inspection Department for final sanitizing/rinsing of food contact equipment. Maximum recommended usage is 100 ppm of available chlorine when using DuBois CL-9 sanitizer for final sanitizing.

CL-9 sanitizer is not a detergent or cleaner. All equipment must be cleaned with a detergent and rinsed prior to sanitizing with CL-9 sanitizer. Allow adequate draining before reusing equipment, glasses or utensils. Maximum recommended temperature is 140°F for the sanitizing solution. Do not use on colored fabrics.

EPA Reg. No. 5716-17

### PROPERTIES:

#### Chlorine Content

- 1 1/2 oz./10 gal. = 50 ppm available chlorine
- 1 1/2 oz./20 gal. = 25 ppm available chlorine
- 1 1/2 oz./10 gal. = 100 ppm available chlorine

pH: 11.2 (10 gal. = 74 in distilled water)

Test method - Use chlorine test papers for ppm of available chlorine

CL-9 sanitizer, at 100 ppm available chlorine, is neutral and safe on metal, paints or materials which are unaffected by chlorine. Chlorine darkens

Deodorizing and Bleaching: Spray walls, floors, truck bodies, outside of wooden vats, garbage or other areas, rendering areas, floors in animal killing areas with 500 to 1000 ppm available chlorine using solution of CL-9 sanitizer after cleaning and rinsing. CL-9 sanitizer will deodorize and impart a fresh chlorine scent.

Shop Coats and Meat Shroud Whitening and Deodorizing: Use 200 ppm of available chlorine as a soak or in the rinse water of a wash machine. Always thoroughly dissolve CL-9 sanitizer before adding to any fabric. Add to machine while running after rinse water is in the machine. Direct contact of strong chlorine solutions can attack fabric. Do not use on colored fabrics unless assured they are color fast. Give shrouds a final water rinse.

RECEIVED  
with COMMENTS  
in EVIDENCE FILE

SEP 21 1989

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### MICROBIOLOGICAL DATA:

Method: Chlorine (Available) in Disinfectants, Germicidal Equivalent Concentration, A.O.A.C. 14th Edition, 1974, pages 68-69.  
Results: DuBois CL-9 Sanitizer at 100 ppm available chlorine (1 1/2 oz./10 gal water) is more than equivalent to 100 ppm of available chlorine derived from sodium hypochlorite.

The organisms used in these tests were *Salmonella typhosa* ATCC No. 6539, *Staphylococcus aureus*

# DIRECTIONS FOR USE

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

NEVER USE FOR UNLAWFUL PURPOSES  
IN FOOD PLANTS, DAIRY PROCESSING PLANTS, BEVERAGE  
AND PACKAGING PLANTS.

FOR SANITIZING SURFACES AND DISSES, IN HOME  
KITCHENS, RESTAURANTS, AND HOTELS.

1. Prepare a solution of 1/2 ounce of disinfectant per gallon of water.
2. Wash surfaces with water first.
3. Rinse with clean water.
4. Sanitize surfaces with the disinfectant solution. One level teaspoon of disinfectant per gallon of water. Rinse surfaces with clean water after sanitizing.

FOR SANITIZING SURFACES AND DISSES, IN HOME

KITCHENS, RESTAURANTS, AND HOTELS. SOLUTION  
MUST BE PREPARED AT 100°F TO 120°F. PREPARE SOLUTION OFTEN  
IF THE SOLUTION IS EXPOSED TO AIR OR DIRT.

FOR SANITIZING MAINTENANCE AND EQUIPMENT IN LAUNDRY OR  
SYSTEMS, WIRE-THROUGH SYSTEMS, OR BY SPRAYING.

1. Pre-rinse system to remove all gross soil particles.
2. Wash system to remove all soil particles.
3. Rinse system to remove all disinfectant residue.
4. Sanitize system with disinfectant solution. One level teaspoon of disinfectant per gallon of water. Rinse system with clean water after sanitizing.
5. Rinse system with clean water after sanitizing.

Use solution for wire-through systems, wire-through overhead  
systems, or spray applications. May not be reused for sanitizing.  
Only one sanitizing application allowed. The solution may  
be used for cleaning other purposes if it is not soiled.

KEEP OUT OF REACH OF CHILDREN  
**DANGER!**

Corrosive. Causes eye and skin damage. May be fatal if swallowed.  
Do not get in eyes, on skin or on clothing. Irritating to nose and  
throat. Avoid breathing dust. Wear goggles or face shield and rubber  
gloves when handling.

## STATEMENT OF PRINCIPAL TREATMENT

In case of eye contact, immediately flush eyes with cold water for at  
least 15 minutes. Call a physician immediately.

If swallowed, drink promptly 3 or 4 large glasses of water. Call a  
physician immediately. Avoid alcohol.

If on skin, brush off excess chemical. Flush skin with plenty of cold  
water for at least 15 minutes. If irritation develops, seek medical  
attention. Remove and wash contaminated clothing before reuse.

Advise physician: treatment measures damage may  
warrant indicate the use of gastric lavage. Measures  
against emesis, shock, respiratory depression and  
convulsions may be needed.

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855

FOOD DIV 5-1718-600

INC.

**DuBOIS CHEMICALS, DIVISION OF CHEMCO CORPORATION**  
GENERAL OFFICES DuBOIS TOWER • CINCINNATI, OHIO 45202 • PHONE: (513) 762-6000

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