

9616-12

12/30/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460



United States  
Environmental Protection  
Agency

Office of Pesticide Programs

DEC 30 2009

Tom Magrecki  
Vertex Chemical Corporation  
11685 Manchester Road  
St. Louis, MO 63131

FILE COPY

Subject: VERTEX CSS-16  
EPA Reg. No.: 9616-12  
Application Dated: October 2, 2009  
Receipt Dated: October 6, 2009

Dear Mr. Magrecki:

The labeling for the product referred to above submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended (FIFRA) is accepted subject to the comments/conditions listed below.

**Conditions:**

1. The routes of exposure under the First Aid section must appear in the following order: If In Eyes, If On Skin Or Clothing, If Inhaled, If Swallowed.

2. Revise the "Hazards to Humans and Domestic Animals" statement as follows:

**DANGER. Corrosive.** May Cause severe skin and eye irritation or chemical burns to broken skin. Causes eye damage. Do not get in eyes, on skin or clothing. Wear safety glasses or goggles and rubber gloves when handling this product. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Avoid breathing vapors. Vacate poorly ventilated areas as soon as possible. Do not return until odors have dissipated.

3. The Sodium/Calcium Hypochlorite Document allows for use as either algacide or slimicide in cooling towers or evaporative condensers. Therefore, the use pattern "Sanitizing Cooling Tower/Evaporative Condenser Water in Federally Inspected Meat and Poultry Plants" use site has been removed from the label.

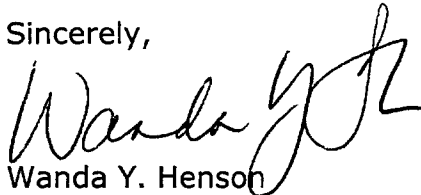
5. The "Hand Sanitizing" claim has been removed from page 2 of the label. This is a FDA claim which cannot appear on a FIFRA label.

**General Comment:**

A stamped copy of the labeling accepted with conditions is enclosed. Submit one copy of your final printed labeling before distributing or selling the product bearing the revised labeling.

Should you have any questions or comments concerning this letter, please contact me at [Henson.Wanda@epa.gov](mailto:Henson.Wanda@epa.gov) or on (703) 308-6345.

Sincerely,



Wanda Y. Henson  
Acting Product Manager - Team 32  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

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# VERTEX®

## CSS-16

### A Sodium Hypochlorite Solution for Sanitization

FOR MANUFACTURING USE ONLY

(see back panel)

ACTIVE INGREDIENT: Sodium Hypochlorite..... 16.40%  
OTHER INGREDIENTS:..... 83.60%

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

#### FIRST AID STATEMENT

**If in eyes:**

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for further treatment advice.

**If on skin or clothing:**

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for further treatment advice.

**If swallowed:**

- Call a poison control center or doctor immediately for further treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

**If inhaled:**

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible.
- Call a poison control center or doctor for further treatment advice.

**HOT LINE NUMBER**

Have the product container or label with you when calling a poison center or doctor, or going for treatment. Contact 1-800-222-1222 for emergency medical treatment information.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

DEC 30 2009  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 9616-12

**EXPIRATION DATE:** Use within 3 days of manufacture, or with minimum assay of 15.6% sodium hypochlorite. If product is not within minimum assay, return to manufacturer.

# PRECAUTIONARY STATEMENTS

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**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 face shield and NIOSH 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 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.

**ENVIRONMENTAL HAZARDS:** This product is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

## DIRECTIONS FOR USE

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

Note: This product degrades with age. Adjust formula after testing, or return to manufacturer.

**STORAGE AND DISPOSAL:** Do not contaminate water, food or feed by storage, disposal or cleaning of equipment.

**VERTEX CSS-16 STORAGE:** 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, in accordance with state & local regulations.

**VERTEX CSS-16 DISPOSAL:** To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

**CONTAINER HANDLING: (HOUSEHOLD & RESIDENTIAL USE LABELS)** (marketing label will include only applicable container handling instructions)

**NONREFILLABLE CONTAINER-DO NOT reuse or refill this container.** Securely wrap original container in several layers of newspaper and discard in trash or offer for recycling if available. DO NOT PUNCTURE CONTAINER!

**CONTAINER HANDLING: (ALL OTHER LABELS)** (marketing label will include only applicable container handling instructions) (When check-off box format is used on label, filer will mark appropriate box.)

**NONREFILLABLE CONTAINER-DO NOT reuse or refill this container.** Clean container promptly after emptying. To clean container: fill container ¼ full with water. Replace the closure or plug the opening of the container. Rotate the container, making sure to rinse all surfaces. Turn the container upside down. Add the rinsate to the application equipment or mix tank or store rinsate for later use or disposal. Allow 30 seconds for rinsate to drain. Repeat this procedure two more times. Offer container for recycling if available or dispose of in a sanitary landfill, or by other procedure allowed by state & local authorities.

**REFILLABLE CONTAINER-Refill this container with VERTEX CSS-16 only.** Do not reuse this container for any other purpose. Clean container promptly after emptying. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean container: fill container ¼ full with water. Replace the closure or plug the opening of the container. Rotate the container, making sure to rinse all surfaces. Turn the container upside down. Add the rinsate to the application equipment or mix tank or store rinsate for later use or disposal. Allow 30 seconds for rinsate to drain. Repeat this procedure two more times. Offer container for recycling if available or dispose of in a sanitary landfill, or by other procedure allowed by state & local authorities.

## MANUFACTURING USE ONLY

For manufacturing use only in the formulation of end-use products for:

- ◆ SWIMMING POOL WATER DISINFECTANT, WINTERIZING, SPAS, HOT TUBS, HUBBARD AND IMMERSION TANKS, HYDRO THERAPY TANKS
- ◆ FOOD AND DAIRY PROCESSOR SANITIZING
- ◆ DISINFECTANT OF NONPOROUS NON FOOD CONTACTS SURFACES
- ◆ SANITIZING NON-POROUS FOOD CONTACT SURFACES
- ◆ SANITIZING POROUS FOOD CONTACT SURFACES
- ◆ SANITIZING NON-POROUS NON-FOOD CONTACT SURFACES
- ◆ SANITIZING POROUS NON-FOOD CONTACT SURFACES
- ◆ MACHINE DISH TERMINAL RINSE SANITIZING
- ◆ SANITIZING RESTAURANT AND TAVERN, BOTTLES
- ◆ FRUIT AND VEGETABLE WASHING
- ◆ SEWAGE AND WASTEWATER EFFLUENT TREATMENT
- ◆ SEWAGE AND WASTEWATER TREATMENT
- ◆ DRINKING WATER (EMERGENCY PUBLIC/INDIVIDUAL SYSTEMS) DISINFECTION
- ◆ PUBLIC WATER SYSTEMS/DISINFECTION OF DRINKING WATER
- ◆ EMERGENCY DISINFECTION AFTER FLOODS, FIRES, DROUGHTS AND MAIN BREAKS
- ◆ DISINFECTING WATER TREATMENT COMPOUNDS IN FOOD PROCESSING PLANTS
- ◆ SANITIZING FARM PREMISES, DAIRY FARMS
- ◆ PULP AND PAPER MILL PROCESS WATER SYSTEMS DISINFECTION
- ◆ AGRICULTURAL USES: POST-HARVEST PROTECTION
- ◆ FRUIT AND VEGETABLE WASHING
- ◆ EGG SANITIZING, DESTAINING, WASHING
- ◆ AQUACULTURAL USES
- ◆ DIALYSIS MACHINES
- ◆ ARTIFICIAL SAND BEACHES
- ◆ BOAT BOTTOMS
- ◆ ASPHALT OR WOOD ROOFS AND SIDINGS

Contains no phosphorus – or – phosphates.

EPA Reg. No. 9616-12

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Batch Code:

Vertex Chemical Corporation St. Louis, MO 63131 1-800-222-1915 1-800-222-1916

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