

Diversey Wyandotte Corporation  
1532 Biddle Avenue  
Wyandotte, MI 48192

AUG 29 1985

Gentlemen:

Subject: Wyandotte™ Low Temperature  
Sanitizer W 500L  
EPA Registration No. 875-95  
Amendment Application of May 15, 1985

The amendment referred to above, submitted in connection with registration under FIFRA sec. 3(c)(7)(A) is acceptable provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If this condition is not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of this condition.

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

Sincerely yours,



A. E. Castillo  
Product Manager (32)  
Disinfectants Branch  
Registration Division (TS-767C)

Enclosure

OPD/JOB: 51669:8/13/85:Jenkins:Del:???:RD-27:Kendrick:898-1270:DAA

CONCURRENCES

SYMBOL ▶								
SURNAME ▶								
DATE ▶								

**PRECAUTIONARY STATEMENTS.  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS.**

**DANGER:** Corrosive. May cause severe skin irritation or chemical burns to broken skin. Causes eye damage. Do not get in eyes, on skin or on clothing. Wear goggles or face shield 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 AND CHEMICAL HAZARDS. STRONG OXIDIZING AGENT.** Mix only with water according to label directions. Mixing this product with gross mix such as feces, urine, etc., or with ammonia, acids, detergents or other chemicals may release hazardous gases, irritating to eyes, lungs and mucous membranes.

**STORAGE AND DISPOSAL**

Store in a cool dry area away from direct sunlight, fire, or source of soil. Flood area with large quantities of water. Rinse empty container thoroughly with water and discard by placing in trash collection. Product or rinsate that cannot be used should be disposed of in a sanitary sewer. Do not contaminate food or feed by storage, disposal or cleaning of equipment.

AUG 29 1985

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

875-95

EPA Est. 875-MB-1  
EPA Reg. No. 875-95

**Diversey Wyandotte  
Low Temperature Sanitizer W500L**

For Institutional Use Only

ACTIVE INGREDIENT	
Sodium Hypochlorite	5.25%
INERT INGREDIENTS	94.75%
Available Chlorine - 5.0%	100.00%

**KEEP OUT OF REACH OF CHILDREN.**

**DANGER: CORROSIVE. MAY CAUSE SKIN IRRITATION OR BURNS.**

**STATEMENT OF PRACTICAL TREATMENT**

If on skin, wash with plenty of soap and water. If in eyes, flush with water for at least 15 minutes. Get medical attention. If swallowed, drink large quantities of milk or gelatin solution or, if these are not available, drink large quantities of water. Do NOT give vinegar or other acids. Do NOT induce vomiting. Get prompt medical attention.

See additional precautions on side panel.

NET CONTENTS 1 GAL. (3.79 LITERS)



PURPOSE AND USE

Diversey Wyandotte Low Temperature Sanitizer W500 L is used in low temperature commercial dishmachines or in manual warewashing operations to effectively sanitize all types of food and beverage utensils. It also may be used for washing and sanitizing fruits and vegetables.

ADVANTAGES

- 1. Economical
- 2. Convenient
- 3. Stable
- 4. Ready to use

DIRECTIONS FOR USE

Chemical Sanitizing - Low Temperature Commercial Dishmachines

- 1. Pre-scrape, pre-flush, and load rack.
- 2. Wash with a recommended Diversey Wyandotte low temperature machine detergent for complete soil removal.
- 3. Use only a chemically compatible rinse aid in conjunction with Diversey Wyandotte Low Temperature Sanitizer W500 L.
- 4. Feed Diversey Wyandotte Low Temperature Sanitizer W500 L using an approved automatic dispenser that will provide a minimum of 100 ppm of available chlorine in all rinse water of at least 120°F (49°C) that contacts dish surfaces. An available chlorine level of 100 ppm corresponds to a Diversey Wyandotte Low Temperature Sanitizer W500 L concentration of 1/4 ounce per gallon (2 ml/liter).
- 5. Remove rack from machine and allow utensils to air dry.

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:

AUG 29 1985

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

875-95

INSTITUTIONAL GRC

Feeding Instructions

Feed Diversey Wyandotte Low Temperature Sanitizer W500 L using the Trugard® Low Temperature System as follows:

1. Insert product feed line into Wyandotte Low Temperature Sanitizer W500 L container.
2. Prime the sanitizer pump by depressing the external push button switch located on the top of the Trugard Low Temperature System.
3. Unlock and remove the front cover from the Trugard Low Temperature System.
4. Adjust the control knob located immediately to the left of the sanitizer indicator light to obtain a Diversey Wyandotte Low Temperature Sanitizer W500 L concentration of 1/4 ounce per gallon (2 ml/liter) of rinse water (100 ppm available chlorine). (The average feed rate of this device is 1/8 ounce (4 ml) of liquid per second. Two (2) seconds are required to inject 1/4 ounce of Low Temperature Sanitizer W500 L per gallon of rinse water (2 ml/liter of rinse water), to provide 100 ppm available chlorine. If the number of gallons of rinse water is known, the proper setting can be estimated by timing how long the sanitizer is fed:

$$\text{Desired Feeding Time (seconds)} = 2 \times \text{number of gallons rinse water}$$

or

$$0.5 \times \text{number of liters of rinse water}$$

Example: If the rinse water volume is 3.5 gallons, the Sanitizer feed time should be  $2 \times 3.5 = 7$  seconds.

Insure that at least 100 ppm of available chlorine is present in the rinse water by using the Diversey Wyandotte Chlorine Test Kit. If less than 100 ppm of available chlorine is present, increase the sanitizer feeding time until the required available chlorine level is reached.

5. Replace and lock the front cover of the Trugard Low Temperature System.

**IMPORTANT NOTE:** If an injection unit other than the Trugard Low Temperature System is used to feed Diversey Wyandotte Low Temperature Sanitizer W500 L, the above formula is not valid. The proper feeding times will have to be determined by (1) consulting the injector manufacturer's instructions, (2) measuring the amount of sanitizer fed per second, and (3) using the Diversey Wyandotte Chlorine Test Kit to insure at least 100 ppm available chlorine is present in the rinse water.

Chemical Sanitizing - Manual Warewashing

1. Pre-scrape and pre-flush articles to be washed.
2. Wash - in clear water using recommended Diversey Wyandotte manual detergent.
3. Rinse - in clear running water.
4. Sanitizer - in 1/2 ounce per gallon (4 ml/liter, 200 ppm available chlorine) solution of Diversey Wyandotte Low Temperature Sanitizer W500 L. Test available chlorine level periodically with Diversey Wyandotte Chlorine Test Kit. When the available chlorine decreases to 50 ppm, discard the sanitizing solution.

Contact time: The laws of some states require that utensils and equipment remain in contact with sanitizing solutions for at least 2 minutes. Check with your Health Department.

5. Air - dry - on clean drainboard.

NOTE: This product degrades with age. Use a chlorine test kit and increase dosage, as necessary, to obtain the required level of available chlorine.

FRUIT AND VEGETABLE WASHING - Kitchens and Commissaries

1. Examine fruit and vegetables for evidence of gross soil or mold. If present, flush with water and soak - brush or spray wash with 1 1/4 ounces of Low Temperature Sanitizer W500 L in 10 gallons of water (50 ppm available chlorine) to remove contamination.
2. Drain sink or transfer produce to an additional container containing 2/3 ounce of Low Temperature Sanitizer W500 L in 10 gallons of water (25 ppm available chlorine). Immerse or thoroughly spray for 2 minutes.
3. If fruit and vegetables are to be stored, spray with a fresh 25 ppm available chlorine solution of W500 L Sanitizer. Drain and cover to permit evaporation of surface moisture.
4. Rinse with potable water before use.

CHEMICAL AND PHYSICAL PROPERTIES

Appearance . . . . .	Yellow liquid
Specific Gravity (77°F, 25°C) . . . . .	1.07 - 1.10
Freezing Point . . . . .	21°F (-6°C)
Available Chlorine . . . . .	5.0%

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STORAGE AND DISPOSAL. Store in a cool, dry area away from direct sunlight. In case of spill, flood area with large quantities of water. Rinse empty container thoroughly with water and discard by placing in trash collection. Product or rinsate that cannot be used, should be diluted with water and disposed of in a sanitary sewer. Do not contaminate food or feed by storage, disposal or cleaning of equipment.