







# Technical Service Bulletin

IG-TS LP-F25  
3/84

ACCEPTED  
with COMMENTS  
In EPA Letter Draft

## DIVERSEY WYANDOTTE LIQUID BACTERIOSTATIC SOFTENER F501

MAY 25 1984

EPA Reg. No. 875-99

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

875-99

### PURPOSE AND USE

Diversey Wyandotte Liquid Bacteriostatic Softener F501 is a combination bacteriostat-fabric softener for use by laundries in hospitals, nursing homes and diaper plants to aid in controlling the growth of odor causing bacteria on fabric.

### ADVANTAGES

Fabric treated as directed will develop residual bacteriostatic activity and residual self-sanitizing activity against Gram positive (S. aureus) organisms and Gram negative (E. coli) organisms under conditions of high relative humidity and wet contamination.

Inhibits the growth of ammonia producing organisms. (B. ammoniagenes) which act on urine in diapers to produce ammonia.

Inhibits the growth of Gram positive and Gram negative odor-causing organisms on wet linen of incontinent persons.

Softens clothes, thus eliminating chafing, and helps control "Static Clings" of nylons and other synthetics. Reduces ironing time.

For use in commercial laundry operations.

### USE DIRECTIONS

Use 5 fluid ounces (150 ml) of Diversey Wyandotte Liquid Bacteriostatic Softener F501 per hundred pounds (45 kilograms) of laundry in the final rinse cycle.

### PHYSICAL PROPERTIES

Appearance.....	Hazy liquid
Density.....	8.7 lbs./U.S. gallon (2.3 kg/liter)
Specific Gravity.....	0.990
Flash Point (Pensky-Martens Closed Cup)	137°F (58°C)

Product may stratify during storage. To ensure complete uniformity, mix well before using.

INSTITUTIONAL GROUP

**CHEMICAL PROPERTIES**

**Active Ingredients**

n-Alkyl (60% C <sub>14</sub> , 30% C <sub>16</sub> , 5% C <sub>12</sub> , 5% C <sub>18</sub> ) dimethyl benzyl ammonium chlorides.....	3.25%
n-Alkyl (68% C <sub>12</sub> , 32% C <sub>14</sub> ) dimethyl ethylbenzyl ammonium chlorides .....	3.25%
Inert Ingredients .....	93.50%
	<u>100.00%</u>
pH 10% by wt. Sol. @ 25°C .....	3.9

**SAFETY PRECAUTIONS**

HAZARDS TO HUMANS AND DOMESTIC ANIMALS.

KEEP OUT OF REACH OF CHILDREN.

DANGER: CAUSES SEVERE EYE AND SKIN DAMAGE.

Do not get in eyes, on skin or on clothing.  
Wear goggles or face shield and rubber gloves when  
handling. Harmful or fatal if swallowed. Avoid  
contamination of food

**STATEMENT OF PRACTICAL TREATMENT**

In case of contact, immediately flush eyes or skin with  
plenty of water for at least 15 minutes. For eyes, call  
a physician. Remove and wash contaminated clothing  
before reuse. If swallowed, drink promptly a large  
quantity of milk, egg whites, gelatin solution or if  
these are not available, drink large quantities of water.  
Avoid alcohol. Call a physician immediately.

**NOTE TO PHYSICIAN**

Probable mucosal damage may contraindicate the use of  
gastric lavage. Measures against circulatory shock as  
well as oxygen and measures to support breathing manually  
or mechanically may be needed. If persistent,  
convulsions may be controlled by the cautious intravenous  
injection of a short-acting barbituate drug.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal.  
Open dumping is prohibited. Do not reuse empty container.  
Do not use or store near heat or open flames. Product may  
stratify during storage. Mix well before using.

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**PESTICIDE DISPOSAL**

Pesticide or rinsate that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.

**CONTAINER DISPOSAL**

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

ACCEPTED  
with COMMENTS  
in EPA Field Office

MAY 25 1984

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
875-89

25 MAY 1984

Diversey Wyandotte Corporation  
1532 Biddle Avenue  
Wyandotte, MI 48192

BEST DOCUMENT AVAILABLE

Attention: Donald F. Garvin  
Supervisor, Regulatory Affairs

Gentlemen:

Subject: Diversey Wyandotte Liquid  
Bacteriostatic Softner F-501  
EPA Registration No. 875-99  
Your Application Dated March 20, 1984

This amendment referred to above, submitted in connection with registration under FIFRA, is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

a. We would prefer that the Fire Hazard Statement: Do not use or store near heat or open flame, be placed under the appropriate heading Physical and Chemical Hazards.

b. Include the heading:

Precautionary Statements

to appear directly above the statement:  
Hazards to Humans and Domestic Animals  
(upper left panel)

c. Delete the statement: (Label & Bulletin)  
...or buried in a safe place.

d. Correct the spelling of the word: Benzyl (page 2 of Bulletin, first active ingredient).

2. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

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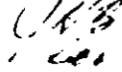
Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

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

Note for your records that this type of amendment does not require compliance with the PP 83-4 procedures, therefore the submitted matrix will not be reviewed and will only be placed in your file.

For our records, please verify the flash point of your product. Your Confidential Statement of Formula declares N/A while the bulletin declares 137°F. Please clarify this discrepancy.

Sincerely yours,



John W. Lee  
Product Manager (31)  
Disinfectants Branch  
Registration Division (TS-767C)

Enclosure

RD/DIS:RCP-11260:Lee, John:PM:Payon:557-2226:PP-1:5/27/84:Del.6/3/84

BEST DOCUMENT AVAILABLE