

14-30175

MAY 17 1985

Diversey Wyandotte Corporation
1532 Biddle Avenue
Wyandotte, MI 48192

Attention: Donald F. Garvin

Gentlemen:

Subject: Diversey UD-100
EPA Registration No. 875-54
Your Submission of January 7, 1985

The label referred to above, submitted in connection with registration under FIFRA Sec. 3(7)(a), is acceptable, provided you comply with the following conditions:

1. Make the following label change on the finished printed label:

In the Technical Bulletin, on page 1, delete the paragraph heading, "AUTHORIZATION."

2. Submit two (2) copies of the finished printed label, as defined in the A-79 enclosure, before the product is released for shipment to comply with FR Notice 82-2 of June 18, 1982.

3. The finished printed labels must comply with the general labeling requirements of Section 162.10 of Title 40 of the Code of Federal Regulations. Failure to do so may result in rejection of the labels.

A stamped copy is enclosed for your records.

Sincerely yours,

A. E. Castillo
Product Manager (32)
Disinfectants Branch

Registration Division (TS-767C)

SYMBOL	Enclosures						
SLIPNAME							
DATE	MAY 17 1985						
EPA FORM	8070-018-92-1 2/80	RD-07/25 Kendrick-890-1270-5/6/85	Del 15/13/85				

BEST AVAILABLE COPY

EPA Reg. No. 875-04
EPA Est. 875-CA-2 (875-PA-1) 875-M-1 (875-CA-1) D
Superscript used is first letter of lot number

UD-100TM

ANIONIC ACID SANITIZER

For Industry Use Only

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

**KEEP OUT OF REACH OF CHILDREN.
DANGER: CORROSIVE. CAUSES EYE AND SKIN
DAMAGE.**

Do not get in eyes. Wash thoroughly with soap and water. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling. Remove and discard clothing and wash before reuse. Harmful if swallowed. Avoid contamination of food.

ACTIVE INGREDIENTS: Phosphoric Acid (as P) 14.1%
INERT INGREDIENTS: 85.9%

STORAGE AND DISPOSAL: Do not store in water, food or feed. Do not store in plastic containers. Do not use empty containers. Keep from freezing.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of acute pesticide wastes is a violation of Federal law. All pesticide wastes must be disposed of by use according to label and/or in accordance with state Pesticide or Environmental Control Agency or the National Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Triple rinse for reusability. Then offer for recycling, if available, or for incineration and disposal in sanitary land fill, or incineration, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

ACTIVE INGREDIENTS	
Phosphoric Acid	14.1%
INERT INGREDIENTS	
	85.9%
	100.0%

* Includes Non-ionic Surfactant, Dodecylbenzene Sulfonic Acid and 2,4-Xylene Sulfonic Acid

This product contains only biodegradable surfactants and will not create foam problems in sewage systems, rivers or streams. Phosphorous content (as P): 14.1%. Recommended use solution (1 fl. oz./5 gals.) contains 1.1 grams of phosphorous (as P) per gallon.

**KEEP OUT OF REACH OF CHILDREN.
DANGER: CORROSIVE. CAUSES EYE
AND SKIN DAMAGE.**

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.

(See side panels for additional precautions)

DIRECTIONS FOR USE
It is a violation of federal law to use this product without its labeling.

For Sanitizing
Prepare a solution of sufficient quantity of UD-100 to every 5 gallons of water by circulation, immersion or spray. Period of contact time varies. Rinse in potable water.

ACCEPTED
STATEMENTS

MAY 17 1985

375-154

NET CONTENTS 5 GALS



PURPOSE AND USE

UD-100 is useful as a sanitizer in breweries and beverage plants. Its effectiveness is based upon the principle that certain anionic detergents enhance the effect rate and bactericidal activity of phosphoric acid-based anionic acid sanitizers.

FEATURES

Contains phosphoric acid

Stable formulation

Low corrosive properties

BENEFITS

Removes stone deposits. eliminates need for separate acid and sanitizer steps.

Does not deteriorate in storage.

Minimal corrosion on stainless steel, copper, and aluminum when used as directed.

DISCUSSION

UD-100 is a fast acting, multi-purpose sanitizer for use in tanks and immersion sanitizing of parts. Equipment may be immediately sanitized with UD-100 after washing and rinsing. Before start-up, all surfaces must be rinsed with potable water after using UD-100.

AUTHORIZATION

UD-100 is registered with the Environmental Protection Agency as required by the Federal Insecticide, Fungicide, and Rodenticide Act as amended.

UD-100 is authorized for use by the U.S.D.A. in federally inspected plants under category code letter D1:

Sanitizers for all surfaces always requiring a rinse.

Before using these compounds, food products and packaging materials must be removed from the room or carefully protected. After using these compounds, surfaces must be thoroughly rinsed with potable water before operations are resume. The compounds must always be used according to directions provided on the EPA registered label.

FOOD INDUSTRIES GRO

CORROSION

UD-100 is non-corrosive to stainless steel in concentrated form or at use dilution. Soft metals are not affected when UD-100 is used as directed. Do not use aluminum, zinc, or white metal alloy taps with the product concentrate.

DIRECTIONS FOR USE

- A. Clean equipment immediately after use.
1. Rinse with clean water.
 2. Wash with recommended Diversey Wyandotte product.
 3. Rinse with clean water.
 4. Air dry. Protect from dust and dirt.
- B. Sanitize immediately before reuse with a solution of 1 oz UD-100 in 5 gallons of water (200 ppm active anionic concentration). Test solution periodically. When it depreciates to 100 ppm, discard.
Rinse surfaces thoroughly with potable water prior to reuse.

TESTING PROCEDURE (DIVIDEND/PER-VAD Test Kit #460-753-0-114)

1. Use 10 ml sample (fill test vial to mark).
2. Add 2 drops phenolphthalein.
3. Add solution #23, 1.0 N Sodium Hydroxide drop by drop until color changes from colorless to red.
4. Each drop = 15 ppm active agent.

PHYSICAL PROPERTIES

Appearance - Moderately pale brown, viscous liquid with a slight sulfuric acid odor.

Specific Gravity	1.364 (11.36 lb/gal)
Acidity as H ₃ PO ₄	5.12%
pH, 1 oz/5 gallons	2.2
Elemental Phosphorus (as P)	14.4%

INGREDIENTS STATEMENT

ACTIVE INGREDIENTS

Phosphoric Acid 45.0%

INERT INGREDIENTS * 55.0%

100.0%

*Includes Nonionic Surfactant, Dodecylbenzene Sulfonic acid and 2,4-Xylene Sulfonic Acid.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS.

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DANGER: CORROSIVE. CAUSES EYE AND SKIN
DAMAGE.

Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. 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.

ACIDIC PRODUCT - Do not mix with other cleaners or chemicals, as hazardous gases or heat may be generated. Dilute only with water.

STORAGE AND DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container. Keep from freezing.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

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

