

Reg # 602-220  
Reason For Issue: Moving "Ethyl Alcohol" into inert ingredient listing.

PM-31 1/25/90

Date Issued: 1/18/90 (Green) 193

Prev. Date Issued: 10/26/87

(9-Square Logo)  
(9-Square Logo)

Front Panel

PURINA  
BRAND

DISINFECTANT CONCENTRATE 4X

EPA Reg. No. 602-220

(3-Row Checkerband)

**A General-Purpose Disinfectant For Farm Use**

Livestock and Poultry Buildings and Equipment - Hatchery Equipment - Milking Machines and Dairy Utensils - Laboratories, Zoos, Dog Kennels, and Fur Bearing Operations - Poultry Processing Plants - Egg Shell Sanitizing

**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 . . . . .	11.8%
n-Alkyl (68% C <sub>12</sub> , 32% C <sub>14</sub> ,) dimethyl ethylbenzyl ammonium chlorides . . . . .	11.8%
INERT INGREDIENTS . . . . .	76.4%
	<u>100.0%</u>

**KEEP OUT OF REACH OF CHILDREN  
DANGER  
See Back Panel For Additional Warnings**

NET 1 GAL

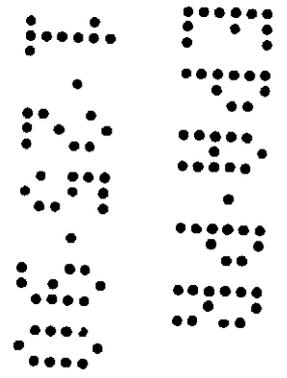
A-2875

NET 1 GAL

Manufactured By  
PURINA MILLS, INC.  
P.O. Box 66812  
St. Louis, Missouri 63166-6812 U.S.A.

PURINA<sup>®</sup> DISINFECTANT  
BRAND  
CONCENTRATE (4X)

(Not to be printed on Label)  
USDA Category D2, Q3



Not Reviewed. Registrant claims to be in accordance with  
the provisions of the Federal Insecticide, Fungicide and Rodenticide Act for Phase 2  
Registration, Page 2/12, Request for a Change in Status.

HOW TO USE PURINA<sup>®</sup> DISINFECTANT CONCENTRATE (4X) BRAND

Add 1/2 ounce (1 tablespoonful) PURINA Disinfectant Concentrate 4X to 2 gallons of water. This solution contains more than 450 parts per million (PPM) of active ingredients. For bactericidal activity against Pseudomonas aeruginosa and porous surfaces and areas that are hard to clean, use 3/4 ounce to 2 gallons of water. For Trichophyton interdigitale use 3/4 ounce per gallon of water.

USE DIRECTIONS

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

POULTRY AND LIVESTOCK BUILDINGS, DOG KENNELS, LABORATORIES, ZOOS:

Remove all animals and feeds from premises, cars, trucks, coops, and crates. Remove all litter and droppings from floors, walls, and other surface areas of facilities. Add 1/2 ounce of PURINA Disinfectant Concentrate 4X to each 2 gallons of water and saturate all surface areas. Ventilate buildings and other closed areas before animals are housed. The disinfectant solution should be absorbed or dried.

HATCHERY OPERATIONS: Add 1/2 ounce of PURINA Disinfectant Concentrate 4X to each 2 gallons of water. After each hatch, follow cleaning with a liberal application of disinfectant solution. Spray the entire room after cleanup.

EGG SHELL SANITIZING (commercial and/or hatching eggs): To sanitize eggs which are not washed, use 1/2 ounce of PURINA Disinfectant Concentrate 4X per 1 gallon of water (provides 920 ppm active quaternaries sanitizing solution). Apply with cloth, by spray, or by dipping. Rinse with potable water. Drain and air dry.

To sanitize eggs after washing, use 3/4 ounce of PURINA Disinfectant Concentrate 4X per 2 gallons of water (provides 690 ppm active quaternaries sanitizing solution). Apply with cloth, by spraying, or by dipping. Rinse with potable water. Drain and air dry.

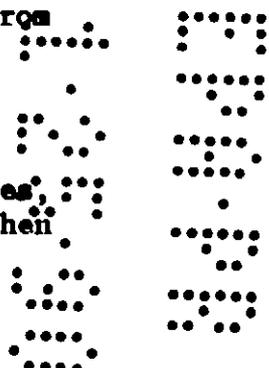
DAIRY SANITATION: PURINA Disinfectant Concentrate 4X fulfills the criteria of Appendix F, the Grade A Pasteurized Milk Ordinance, 1965 recommendations of the U.S. Public Health Service, in waters up to 750 ppm of hardness calculated as CaCO<sub>3</sub>, when tested by the A.O.A.C. Germicidal and Detergent Sanitizers-Official Method.

Ask your local milk inspector or health officer for recommendations on how to use PURINA Disinfectant Concentrate 4X in his program.

Right after you milk, flush all equipment with cool or lukewarm water. Scrub equipment in a cleaning solution. Then rinse equipment in a solution of PURINA Disinfectant Concentrate 4X using 1/2 ounce (1 tablespoonful) to each 4-1/2 gallons of water. Soak at least 2 minutes, allow equipment to dry, and protect from contamination. At this level, no potable water rinse is required.

NOTE: Do not use with soap or other cleaners.

DANGER: Corrosive. 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.



**FIRST AID:**

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, respiratory depression, and convulsion may be needed.

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal.

Storage: Store in original container in area inaccessible to children. Do not store at temperatures above 120°F or below 32°F.

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 a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

PROTECT FROM FREEZING

EPA Est. No. 602-MO-1

QUALITY CONTROLLED BY PURINA RESEARCH

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Printed in U.S.A.

