

PLEASE NOTE

This image contains more than one label approved for this product on this date.

602-223

Reason For Issue:
Revised Directions For Use.

08/18/1987

Date Issued: 9/26/86 (White)

Prev. Date Issued: 8/20/86

1/3



Front Panel

PURINA®
BRAND

EPA Reg. No. 602-223

QUATERNARY DISINFECTANT

ACTIVE INGREDIENTS:

n-Alkyl (60% C ₁₄ , 30% C ₁₆ , 5% C ₁₂ , 5% C ₁₈) dimethyl benzyl ammonium chlorides	11.8%
n-Alkyl (68% C ₁₂ , 32% C ₁₄) dimethyl ethylbenzyl ammonium chlorides	11.8%
Ethyl Alcohol	5.9%
INERT INGREDIENTS	70.5%
	100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

SEE RIGHT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

NET 1 GAL (3.785L)

P-5114

Manufactured By
PURINA MILLS, INC.
Chemical Specialties Group
800 Chouteau Avenue
St. Louis, Missouri 63164 U.S.A.

Precautionary Labeling Must Meet
Type Size and Prominence
Requirements

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

ACCEPTED

AUG 18 1987

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 602-223

PURINA Quaternary Disinfectant is effective against the following organisms - Staphylococcus aureus, Salmonella choleraesuis, Pseudomonas aeruginosa, and Trichophyton interdigitale.

PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS AND DOMESTIC ANIMALS

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.

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, respiratory depression, and convulsion may be needed.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge into lakes, streams, ponds, or public waters unless in accordance with an NPDES permit. For guidance, contact your Regional Office of the EPA.

ACCEPTED
AUG 18 1987
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 602223

Left Panel

DIRECTIONS FOR USE

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

For use in Food and Beverage Processing Plants, Food Handling, Industrial and Institutional Establishments, Hospitals and Nursing Homes.

Food and Beverage Processing Plants, Food Handling, Industrial and Institutional Establishments, Hospitals and Nursing Homes. - Thoroughly clean equipment by prescraping, presoaking or preflushing all equipment, walls and floor. Wash all surfaces thoroughly with a good detergent or compatible cleaner. Sanitize with 1/2 ounce of PURINA Quaternary Disinfectant per 4 1/2 gallons of water (provides 200 ppm of quaternary). Apply with cloth, soak or spray with automatic proportioning equipment. Make sure all surfaces have been thoroughly wetted. Treated surfaces must remain wet for at least one minute. No rinse is required after sanitizing at this concentration. Fresh solution should be prepared daily or when use solution becomes visibly dirty. For mechanical application use, solution may not be reused for sanitizing applications.

First wash dishes, glassware and silverware in a good detergent or compatible cleaner. Rinse thoroughly. Immerse in a solution of 1/2 ounce of PURINA Quaternary Disinfectant per 4 1/2 gallons of water (provides 200 ppm of quaternary). No potable water rinse is required at this dilution.

Thoroughly clean floors, walls, and other hard surfaces by prescraping or preflushing with a good detergent or compatible cleaner. Rinse. Disinfect with 1½ ounces of PURINA Quaternary Disinfectant per 5 gallons of water (provides 550 ppm of quaternary). Apply with a clean mop or cloth so as to wet surfaces thoroughly. Treated surfaces must remain wet for 10 minutes. Prepare a fresh solution daily or when use solution becomes visibly dirty.

Sanitizing Shell Eggs Intended for Food

To sanitize previously cleaned food-grade shell eggs in shell egg and egg-processing plants, spray with, or immerse, in a solution of ¼ ounce of Purina Quaternary Disinfectant in 4½ gallons of warm water (provides 200 ppm quaternary). The solution should be warmer than the eggs, but not to exceed 130°F. Wet eggs thoroughly and contact time of 1 minute is required for proper sanitation. Allow to drain and air dry. Eggs sanitized with this solution shall be subject to a potable water rinse only if they are broken immediately for use in manufacture of egg products. Eggs should be reasonably dry before casing or breaking. The solution should not be reused for sanitizing eggs.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

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.

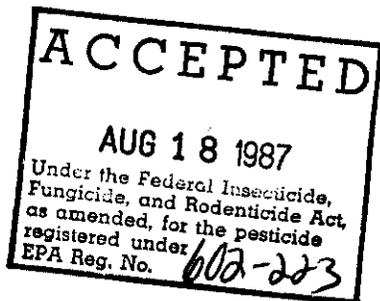
Container Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

EPA Est. No. 602-MO-1

PURINA RESEARCH ASSURES QUALITY

8609 T

Lot No.
Printed in U.S.A.



NEXT

LABEL

602-223

8-18-1987

Reason For Issue:
Deleting swimming pool uses.

Date Issued: 8/20/86 (White) 1/3

Prev. Date Issued: 5/12/86



Front Panel

PURINA ^{®*}
BRAND

EPA Reg. No. 602-223

QUATERNARY DISINFECTANT

ACTIVE INGREDIENTS:

n-Alkyl (60% C ₁₄ , 30% C ₁₆ , 5% C ₁₂ , 5% C ₁₈) dimethyl benzyl ammonium chlorides	11.8%
n-Alkyl (68% C ₁₂ , 32% C ₁₄ ,) dimethyl ethylbenzyl ammonium chlorides	11.8%
Ethyl Alcohol	5.9%
INERT INGREDIENTS	70.5%
	100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

SEE RIGHT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

NET 30 GAL

P-5133

ACCEPTED

AUG 18 1987

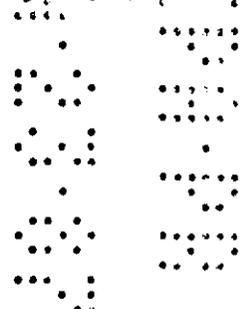
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 602-223

Manufactured By
 PURINA MILLS, INC.
 Chemical Specialties Group
 800 Chouteau Avenue
 St. Louis, Missouri 63164 U.S.A.

Precautionary Labeling Must Meet
 Type Size and Prominence
 Requirements

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

*Trademark of Ralston Purina Company



2/3

PURINA Quaternary Disinfectant is effective against the following organisms - Staphylococcus aureus, Salmonella choleraesuis, Pseudomonas aeruginosa, and Trichophyton interdigitale.

**PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS AND DOMESTIC ANIMALS**

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.

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, respiratory depression, and convulsion may be needed.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge into lakes, streams, ponds, or public waters unless in accordance with an NPDES permit. For guidance contact your Regional Office of the EPA.

ACCEPTED

Left Panel

DIRECTIONS FOR USE

AUG 18 1987
Use of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No.

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

For use in Food and Beverage Processing Plants, Food Handling Establishments, Industrial and Institutional Establishments, Hospitals and Nursing Homes.

Food and Beverage Processing Plants, Food Handling Establishments, Industrial and Institutional Establishments, Hospitals and Nursing Homes. - Thoroughly clean and rinse equipment or surfaces to be sanitized. Sanitize with $\frac{1}{2}$ ounce of PURINA Quaternary Disinfectant per $4\frac{1}{2}$ gallons of water (200 ppm). Apply with cloth or automatic proportioning equipment. Make sure all surfaces have been thoroughly wetted. No rinse is required after sanitizing at this concentration. Treated surfaces must remain wet for one minute. Fresh solution should be prepared daily or when use solution becomes visibly dirty. For mechanical application use, solution may not be revised for sanitizing applications.

First wash dishes, glassware, silverware. Rinse thoroughly. Immerse in a $\frac{1}{2}$ ounce of PURINA Quaternary Disinfectant per $4\frac{1}{2}$ gallon of water (200 ppm).

Thoroughly clean floors, walls, and other hard surfaces. Rinse. Disinfect with $1\frac{1}{2}$ ounces of PURINA Quaternary Disinfectant per 5 gallons of water (550 ppm). Apply with a clean mop or cloth so as to wet surfaces thoroughly.

Left Panel (Cont.)

3/3'

Treated surfaces must remain wet for 10 minutes. Prepare a fresh solution daily or when use solution becomes visibly dirty.

Sanitizing Shell Eggs Intended for Food

To sanitize previously cleaned food-grade eggs in shell egg and egg-product processing plants, spray with a solution of $\frac{1}{2}$ ounce of this product in $4\frac{1}{2}$ gallons of warm water (200 ppm quat). The solution should be warmer than the eggs, but not to exceed 130°F. Wet eggs thoroughly and allow to drain. Eggs sanitized with this product shall be subjected to a potable water rinse only if they are broken immediately for use in the manufacture of egg products. Eggs should be reasonably dry before casing or breaking. The solution should not be reused for sanitizing eggs.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

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 by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

EPA Est. No. 602-MO-1

PURINA RESEARCH ASSURES QUALITY

8608 T

Lot No.
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