

**FOR SALE FOR USE AND STORAGE BY MAINTENANCE PERSONNEL ONLY**

Cross-contamination is of major housekeeping concern not only in hospitals, but in schools, institutions, and industry. PURINA CLEANER/DISINFECTANT has been formulated to aid in the reduction of cross-contamination in these areas.

PURINA CLEANER/DISINFECTANT is a one-step disinfectant cleaner that is effective against a broad spectrum of bacteria, is virucidal, fungicidal, and will prevent the growth of mold and mildew and their odors when used as directed.

PURINA CLEANER/DISINFECTANT is an effective one-step sanitizer cleaner for use on non-food contact surfaces.

When used as directed, PURINA CLEANER/DISINFECTANT will deodorize surfaces in toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas, and other places where bacterial growth can cause malodors.

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

**DANGER**

Keep out of reach of children. 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 if swallowed. Avoid contamination of food.

**Measures 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 those 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.

**DIRECTIONS FOR USE GENERAL CLASSIFICATION**

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

PURINA CLEANER/DISINFECTANT is a proven one-step disinfectant-cleaner-sanitizer-fungicide-mildew-stain-remover which is effective in water up to 400 ppm hardness in the presence of 5% serum contamination.

Apply PURINA CLEANER/DISINFECTANT to walls, floors and other hard (nonporous) non-porous surfaces such as tables, chairs, countertops, sinks, tile, porcelain and bathtubs with a cloth, mop or mechanical spray device so as to thoroughly wet surfaces. For heavily soiled areas, a preliminary cleaning is required. Prepare a fresh solution daily or when use solution becomes visibly dirty.

**Disinfection**—To disinfect hard, non-porous surfaces, in hospitals add 2 oz. per gallon of water. Treated surfaces must remain wet for 10 minutes. At this use-level, PURINA CLEANER/DISINFECTANT is also virucidal, fungicidal and fungistatic. At 1 1/2 oz. per gallon of water, PURINA CLEANER/DISINFECTANT will disinfect hard non-porous surfaces in school, industry and non-medical institutions.

**Boilizing**—To sanitize porous and non-porous, non-food contact surfaces add 1 oz. per 2 1/2 gallons of water. Treated surfaces must remain wet for 60 seconds.

2 oz. per gallon use-level, the broad spectrum activity of PURINA CLEANER/DISINFECTANT has been evaluated and found to be effective against the following organisms by the AOAC Use-Dilution Test:

- |                                |                             |
|--------------------------------|-----------------------------|
| <i>Pseudomonas aeruginosa</i>  | <i>Escherichia coli</i>     |
| <i>Staphylococcus aureus</i>   | <i>Shigella dysenteriae</i> |
| <i>Salmonella choleraesuis</i> | <i>Brevibacterium</i>       |
| <i>Escherichia coli</i>        | <i>adimonogermes</i>        |
| <i>Streptococcus pyogenes</i>  | <i>Salmonella typhi</i>     |
| <i>Klebsiella pneumoniae</i>   | <i>Serratia marcescens</i>  |

For schools, industry and non-medical institution use: At 1 1/2 oz. per gallon of water, PURINA CLEANER/DISINFECTANT delivers excellent cleaning and germicidal effectiveness. It is effective against *Staphylococcus aureus*, *Salmonella choleraesuis*, *Escherichia coli* and *Serratia marcescens*.

The same AOAC tests used to confirm performance for hospitals were used.

**AOAC Fungicide Test:** PURINA CLEANER/DISINFECTANT is an effective fungicide against *Trichophyton mentagrophytes* (the athlete's foot fungus) when used on surfaces in areas such as locker rooms, dressing rooms, shower and bath areas, exercise facilities, etc.

**Mold and Mildew Control:** At 1 1/2 oz. per gallon, PURINA CLEANER/DISINFECTANT will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard, non-porous surfaces (as indicated in the general instructions above). Allow to dry on surface and repeat when mildew growth returns.

**Virucidal Performance:** At 1 1/2 oz. per gallon use-level, PURINA CLEANER/DISINFECTANT was evaluated and found to be effective against the Influenza A, B and C Virus on non-porous environmental surfaces.

**Sanitizing Non-Food Contact Surfaces (such as floors, walls, tables, etc.):** At 1 oz. per 2 1/2 gallons use-level, PURINA CLEANER/DISINFECTANT is an effective sanitizer against *Staphylococcus aureus* and *Klebsiella pneumoniae* on hard porous and non-porous environmental surfaces.

**STORAGE AND DISPOSAL**

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

**PESTICIDE DISPOSAL**

Pesticide, spray mixture or residue 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) and dispose in an incinerator or landfill approved for pesticide containers, or bury in a safe place.

**GENERAL**

Check Federal, State or local disposal authorities for approved alternative procedures.

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Printed in U.S.A.

**PURINA RESEARCH ASSURES QUALITY**

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EPA Est No 602-MO-1

**RECEIVED**  
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 or ordered for the Center for Federal Register, Washington, D.C.  
 602-298

# Purina CLEANER/DISINFECTANT

E.P.A. Reg. No. 602-298

Disinfectant-Cleaner-Sanitizer-Fungicide-Mildewstat-Virucide\*  
Deodorizer for Hospitals, Institutional and Industrial Use

Effective in hard water up to 400 ppm hardness (calculated as CaCO<sub>3</sub>) in the presence of 5% serum contamination.

**ACTIVE INGREDIENTS:**

Octyl decyl dimethyl ammonium chloride	1.650%
Dioctyl dimethyl ammonium chloride	0.825%
Didecyl dimethyl ammonium chloride	0.825%
Alkyl (C <sub>12</sub> , 50%; C <sub>12</sub> , 40%; C <sub>15</sub> , 10%) dimethyl benzyl ammonium chloride	2.200%
<b>INERT INGREDIENTS</b>	<b>94.500%</b>
	<b>100.000%</b>

KEEP OUT OF REACH OF CHILDREN

**DANGER**

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

**NET 1 GAL**

Manufactured By RALSTON PURINA COMPANY • Chemical Specialties Group • General Offices • Checkerboard Square • St. Louis, Missouri 63164

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER**

**CORROSIVE.**

**CAUSES EYE DAMAGE AND SKIN BURNS.**

**MAY CAUSE ALLERGIC SKIN REACTION.**

**MAY BE HARMFUL IF INHALED.**

**MAY BE FATAL IF SWALLOWED OR ABSORBED THROUGH THE SKIN.**

Do not get in eyes, on skin, on clothing. Wear goggles or face shield and rubber gloves when handling. Avoid breathing vapor or mist. Avoid contamination of food. Do not take internally. Wash thoroughly after handling.

**NOTICE:** Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use, storage or handling of this product in a manner other than as directed by label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.



**ROHM AND HAAS**  
PHILADELPHIA, PA. 19105

# KATHON CG ICP

100% ISOTHIAZOLONE

## IN-CONTAINER PRESERVATIVE

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

### STATEMENT OF PRACTICAL TREATMENT

**IF SWALLOWED:** Do not induce vomiting. 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.

**IF INHALED:** Remove immediately to fresh air. If not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Call a physician.

**IF ON SKIN:** Wash thoroughly with soap and water. Remove and wash contaminated clothing before reuse.

**IF IN EYES:** Flush with plenty of water for at least 15 minutes. Call a physician.

### NOTE TO PHYSICIAN:

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be needed.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

### ACTIVE INGREDIENTS

5-Chloro-2-methyl-4-isothiazolin-3-one ..... 1.15%

2-Methyl-4-isothiazolin-3-one ..... 0.35%

**INERT INGREDIENTS** ..... 98.50%

Total (100%)

EPA Est. No. 707-PA-1

EPA Reg. No. 707-166

### NET CONTENTS

### DIRECTIONS FOR USE

#### GENERAL CLASSIFICATION

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

Kathon CG/ICP is recommended as a main container preservative for the control of bacteria and fungi in industrial and household consumer products including all-purpose liquid cleaners, polishes and anti-tarnish products, air fresheners and carpet shampoos and pre-sprayers.

Add 0.4 to 1.5 lbs. Kathon CG/ICP (181-680 gms) to each 100 lbs. (45.36 kg) of product to be treated to provide 6-22.5 ppm active isothiazolones.

Kathon CG/ICP is recommended for the control of bacteria and fungi in liquid dishwashing detergents, automotive appearance products such as cleaners, wax and polishes and liquid laundry products.

Add 0.4 to 1.0 lbs. Kathon CG/ICP (181-454 gms) to each 100 lbs. (45.36 kg) of product to be treated to provide 6-15 ppm active isothiazolones.

To insure uniform distribution slowly disperse Kathon CG/ICP into product with agitation. Mix thoroughly until evenly dispersed throughout product.

Kathon CG/ICP is recommended for the control of bacteria and fungi in package utility products, such as pre-moistened sponges and mops.

Add 0.4 to 1.5 lbs. Kathon CG/ICP (181-680 gms) to each 100 lbs. (45.36 kg) of water used to premoisten sponges and mops. Kathon CG/ICP weighs 9.9 lbs./gal.

#### STORAGE AND DISPOSAL

**STORAGE:** Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. If plastic, do not reuse empty container.

**PESTICIDE DISPOSAL:** Pesticide or rinse water that cannot be used according to label instructions must be disposed of according to Federal or approved State procedures under Subtitle C of the Resource Conservation and Recovery Act.

#### CONTAINER DISPOSAL

**METAL CONTAINERS:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved state and local procedure.

**PLASTIC CONTAINERS:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by incineration if allowed by state and local authorities.

#### GENERAL

CONSULT FEDERAL, STATE OR LOCAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES.

#### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. 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. Do not contaminate water by cleaning of equipment or disposal of waste. Apply this pesticide only as specified on this label.

**BEST DOCUMENT AVAILABLE**