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# KLEENCO ASSURANCE 64

Cleaner-disinfectant-sanitizer-fungicide-virucide  
Sanitizer with Organic Soil Tolerant for Hospital, Institutional and Industrial Use

**Active Ingredients**

- Didecyl dimethyl ammonium chloride
- Tetrasodium ethylenediamine diacetate
- Sodium carbonate
- Sodium metasilicate anhydrous

**Inert Ingredients**

**KEEP OUT OF REACH OF CHILDREN  
WARNING**

**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 water, egg whites gelatin solution. Avoid alcohol.

Call a physician Immediately

**SEE LEFT PANEL FOR ADDITIONAL  
PRECAUTIONARY STATEMENTS**

Manufactured by

**KLEENCO PRODUCTS INTERNATIONAL, INC.**

13238 Bel-Red Rd., Bellevue, WA 98009. Phone (206) 641-8888

ACCEPTED  
OCT 14 1981  
Fungicide registered under EPA Reg. No. 12388-3  
as amended, for the Fungicide

**Directions for Use**

**GENERAL CLASSIFICATION**

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

**Kleenco Assurance 64** is a proven "one-step" cleaner-disinfectant-sanitizer-fungicide-virucide in the presence of moderate amounts of organic soil.

Apply **Kleenco Assurance 64** to walls, floors and other hard (inanimate) non-porous surfaces such as tables, chairs, countertops, sinks and bedframes 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 used solution becomes dirty.

**Disinfection** — To disinfect hard, non-porous hospital surfaces, add 2 1/2 oz. per gallon of water. Treated surfaces must remain wet for 10 minutes. At this use-level, **Kleenco Assurance 64** is a sporicidal and fungicidal. At 1 1/2 oz. per gallon **Kleenco Assurance 64** will disinfect hard, non-porous surfaces in schools, industry and non-medical institution.

**Sanitizing** — To sanitize porous or non-porous non-food contact surfaces, add 1 oz. per 2 1/2 gallons of water. Treated surfaces must remain wet for 30 seconds.

**For hospitals and nursing homes, add 2.5 oz. per gallon of water.** The broad spectrum activity of **Kleenco Assurance 64** has been evaluated in the presence of 5% serum and found to be effective against the following organisms by the AOAC Use-Dilution test:

- Pseudomonas aeruginosa*
- Staphylococcus aureus*
- Salmonella choleraesuis*
- Escherichia coli*
- Streptococcus pyogenes*
- Proteus mirabilis*
- Klebsiella pneumoniae*
- Enterobacter aerogenes*
- Salmonella schottmulleri*
- Streptococcus faecalis*
- Shigella dysenteriae*
- Brevibacterium ammonigenes*

**AOAC Fungicidal Test**

**Kleenco Assurance 64** is an effective fungicide against *Trichophyton* spp., trichophytes (the athlete's foot fungus) when used on surfaces such as locker rooms, dressing rooms, shower and bath areas, exercise facilities, etc.

**Virucidal Performance**

At 2 oz. per gallon use-level **Kleenco Assurance 64** was evaluated in the presence of 10% serum and found to be effective against the following viruses: *Herpes Simplex* (a member of the virus family that causes infectious mononucleosis), *Vaccinia* (representative of the pox viruses), *Adenovirus Type 5* (a representative of respiratory diseases) and *Influenza A<sub>2</sub>* (as represented by the strains commonly called the Hong Kong Flu and the London Flu Virus) on inanimate environmental surfaces.

**For schools, non-medical institutional and industrial uses:** At 1 1/2 oz. per gallon of water, **Kleenco Assurance 64** delivers excellent cleaning and germicidal effectiveness. It is effective against *Staphylococcus aureus*, *Salmonella choleraesuis* and *Escherichia coli*. The same AOAC tests used above to confirm suitable performance for hospitals were used.

**Sanitizing-Non-Food Contact Surfaces** (such as walls, floors, tables, etc.). At 1oz./2 1/2 gallon use level **Kleenco Assurance 64** is an effective sanitizer in waters of up to 850 ppm hardness against *Staphylococcus aureus* and *Klebsiella pneumoniae* in the presence of 5% serum on hard porous and non-porous environmental surfaces.

**BEST AVAILABLE COPY**

## CROSS-CONTAMINATION

is of major housekeeping concern not only in hospitals, schools, institutions and industry. Kleenco Assurance 64 is formulated for this problem area. It both cleans and disinfects effectively and is virucidal when used as directed. Its hard surface disinfecting action will reduce the hazard of cross-contamination. Kleenco Assurance 64 is an extremely effective one-step sanitizer for non-food contact surfaces. It cleans and sanitizes in water up to 850 ppm hardness. Its hard water tolerance exceeds that of most potable waters in the United States. Use as directed when used as directed.

Two ounces of Kleenco Assurance 64 per gallon will sanitize and deodorize surfaces in bathrooms, galley, kitchen, and other areas where bacteria and mold are common. It also removes odor caused by mold and mildew.

## STORAGE AND DISPOSAL

THIS PRODUCT MUST BE KEPT UNDER LOCKED STORAGE. KEEP IT FROM BEING AVAILABLE TO CHILDREN. DO NOT DRINK OR PERMIT TO DRINK. KEEP AWAY FROM FOOD. DO NOT FEED TO ANIMALS. CONTAMINATE WASHED FOOD OR FEED. DO NOT USE FOR SPRAYING.

### PESTICIDE DISPOSAL

DO NOT REUSE OR RESELL. DO NOT REUSE OR RESELL. DO NOT REUSE OR RESELL. DO NOT REUSE OR RESELL.

### CONTAINER DISPOSAL

DO NOT REUSE OR RESELL. DO NOT REUSE OR RESELL. DO NOT REUSE OR RESELL. DO NOT REUSE OR RESELL.

### GENERAL

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## PRECAUTIONARY STATEMENTS

Hazards to Humans and domestic animals

## WARNING

Keep out of reach of children. May cause severe eye irritation or eye damage. Causes skin irritation. Do not get in eyes, on skin, or on clothing. Harmful if swallowed. Avoid contamination of food.

EPA Registration No. 12388-3

EPA Establishment No. 12388-WA-01

Net Contents 1 Gallon



# KLEENCO ASSURANCE 64

Active Ingredients: 4.5%  
Inert Ingredients: 95.5%

KEEP OUT OF REACH OF CHILDREN  
**WARNING**

### 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 water, egg white or gelatin solution. Avoid alcohol.

Call a physician Immediately

SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

**KLEENCO PRODUCTS INTERNATIONAL, INC**  
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ACCEPTED



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**ACCEPTED**  
OCT 14 1981  
Liaising No. 12388

### Directions for Use GENERAL CLASSIFICATION

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

#### Kleenco Assurance 64

Disinfectant

Sanitizing

For hospitals and day nurseries add 1/2 oz per gallon of water

For schools, non-medical institutions and industrial uses add 1/4 oz per gallon of water

For homes add 1/8 oz per gallon of water

For food contact surfaces (such as walls, floors, tables, etc.) dilute 1/8 oz per gallon of water in water of up to 850 ppm

For non-food contact surfaces (such as walls, floors, tables, etc.) dilute 1/4 oz per gallon of water in water of up to 850 ppm

For general disinfection and sanitizing use 1/2 oz per gallon of water

For general disinfection and sanitizing use 1/4 oz per gallon of water

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#### ADAC Fungicidal Test

Kleenco Assurance 64 was evaluated in the presence of organic matter and found to be effective against the following organisms:

Aspergillus niger, Candida albicans, Penicillium notatum, Rhizopus oryzae, Trichoderma reesei, Ustilago maydis, Zygomycetes, etc.

For general disinfection and sanitizing use 1/4 oz per gallon of water

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