

Instructions: This is a specimen label. You may use this format in developing your own label. Substitute your product's name every place you see "LONZA Formulation 223". On the center place your own company name and address where you see "Lonza Inc. etc." Substitute your EPA File No. for our "6836-42" registration number.

LONZA FORMULATION 223 is a concentrated acid disinfectant bathroom toilet bowl cleaner designed for institutional and hospital use. This disinfectant toilet bowl cleaner is especially formulated to kill many germs commonly found in hospital, industrial, and household environments. **LONZA FORMULATION 223** contains a high level of acid together with an acid compatible detergent system. This unusual combination facilitates the easy removal of resistant stains and permits its disinfectant action.

When used as directed, **LONZA FORMULATION 223** cleans, disinfects and deodorizes in one easy step.

Precautionary Statements

Hazards to Humans and domestic animals.

DANGER

Corrosive. Keep Out of Reach of Children. May be fatal or harmful if swallowed. Do not breathe vapor or fumes. Produces chemical burns. Do not get in eyes, on skin, or on clothing.

Storage and Disposal

- Do not contaminate water, food, or feed by storage disposal.
- Do not store on side.
- Avoid creasing or impacting of side walls.

PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray or mixture of 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.

Meta Container: Triple rinse (or equivalent), then offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. (If container is 1 gallon or less, use this container disposal statement.)

Do not reuse empty container (bottle, can, bucket). Wrap container and put in trash.

Not Reviewed. Registrant claims to be in accordance with Reregistration Pesticide Product Guidance for Phase 2 Response. Page 2.12, Active to Inert Change in Status.

LONZA Formulation 223

**Concentrated Acid
Disinfectant Toilet Bowl Cleaner with
Organic Soil Tolerance**

**Designed for Institutional and Hospital Use Based on
Twin Chain Quaternary Ammonium Compounds
and Detergent Systems**

**for Hospitals—Industry—Homes
Disinfects—Cleans—Deodorizes**

Removes Stains

**Kills Many Germs in Toilet Bowls Including
Those Found in Hospitals**

(eg. *Pseudomonas aeruginosa* & *Staphylococcus aureus*)

Active Ingredients

Octyl decyl dimethyl ammonium chloride	1.250%
Dioctyl dimethyl ammonium chloride	0.500%
Didecyl dimethyl ammonium chloride	0.750%
Hydrogen chloride	17.500%

Inert Ingredients

80.000%
100.000%

Contains no phosphate compounds.

KEEP OUT OF REACH OF CHILDREN

DANGER POISON

Statement of Practical Treatment

If swallowed, call a physician immediately. Drink a teaspoonful or more of milk of magnesia or a cup of soapy water followed with milk or raw egg whites.

Eye Contact: Wash with water for 15 minutes. Get prompt medical attention.

Skin Contact: Wipe off the acid gently, immediately flood the surface with water, using soap freely, then cover with moist magnesia or baking soda.

**SEE LEFT PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS**

EPA Registration No. 6836-42

EPA Establishment No. 6836-IL-1

Net Contents

Manufactured By:

LONZA INC. 22-10 Route 208 • Fair Lawn, New Jersey 07410

Directions for Use

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

Flush toilet. Add 1 fluid oz. (2 tablespoons) directly to water in toilet bowl (¾ gallon). Brush to cover all interior surfaces of the bowl including under the rim. Allow disinfectant solution to remain at least 10 minutes. Flush toilet.

For heavily soiled areas, a preliminary cleaning may be required.

For badly stained bowls, repeat above treatment using 2 to 4 fluid ounces of **LONZA FORMULATION 223**.

For use in urinals, add 1 fluid oz (2 tablespoons) to ¼ gallon of water. Apply by brush to all urinal surfaces. Allow disinfectant solution to remain at least 10 minutes. Flush.

At 1 oz. per ¾ gallon use-level, the broad spectrum activity of **LONZA FORMULATION 223** against microorganisms commonly found in toilet bowls and urinals 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*
- Escherichia coli*
- Streptococcus faecalis*
- Shigella dysenteria*

Special Note:

The cationic detergent system of **LONZA FORMULATION 223** inhibits the acid corrosion of metal parts found around toilet bowls and urinals.