

PH31 6836-204

Precautionary Statements  
Hazards to Humans and Domestic Animals

# Lonza Formulation DC-110N

### 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 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.

### DANGER

Keep out of reach of children. Corrosive. Causes 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. Wash thoroughly with soap and water after handling.

### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Store in original container in areas inaccessible to children. Do not reuse empty container.

### 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

(Metal containers) Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose in a sanitary landfill, or by other procedures approved by state and local authorities. (Plastic containers greater than 1 Gallon) Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke. (1 Gallon or less) Wrap and discard in trash.

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 Ingredient

Didecyl dimethyl ammonium chloride 3.85%

### Inert Ingredients

96.15%

100.00%

KEEP OUT OF REACH OF CHILDREN

DANGER

PELIGRO

SEE LEFT PANEL FOR ADDITIONAL  
PRECAUTIONARY STATEMENTS

EPA Registration No. 6836-204

EPA Establishment No. 6836-IL-1

Net Contents \_\_\_\_\_

Manufactured by:

LONZA INC., 17-17 Route 208, Fair Lawn, NJ 07410

**ACCEPTED**  
**APR 26 1993**  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under  
EPA Reg. No. 6836-204

Cross-contamination is of major housekeeping concern not only in hospitals, but in schools, institutions, and industry. LONZA FORMULATION DC-110N has been formulated to aid in the reduction of cross-contamination in these areas.

LONZA FORMULATION DC-110N is a one-step disinfectant cleaner that is effective against a broad spectrum of bacteria, is virucidal\* (including HIV-1), fungicidal, and inhibits the growth of mold and mildew and their odors when used as directed.

LONZA FORMULATION DC-110N is an effective one-step sanitizer-cleaner for use on non-food contact surfaces.

When used as directed, LONZA FORMULATION DC-110N 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 mal odors.

LONZA FORMULATION DC-110N 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.

LONZA FORMULATION DC-110N is recommended for use in hospitals, medical and dental offices, nursing homes, public restrooms, institutions, schools, athletic facilities, food processing plants, food storage areas, kitchens, restaurants and bars, transportation terminals, hotels and motels.

For use in households.

This product contains no phosphorous.

#### I&I/Janitorial

LONZA FORMULATION DC-110N is a no-rinse neutral pH disinfectant cleaner that disinfects, cleans and deodorizes in one labor-saving step.

LONZA FORMULATION DC-110N is a concentrate that can be used with a mop and bucket, trigger sprayer, sponge, or by soaking. LONZA FORMULATION DC-110N provides effective cleaning strength that will not dull most metal-interlock floor finishes, and does not require a rinse prior to recoat.

LONZA FORMULATION DC-110N maximizes labor results by effectively controlling odors.

#### Household

LONZA FORMULATION DC-110N Cleans, shines, deodorizes and disinfects all non-porous household surfaces. Inhibits the growth of mold and mildew, leaving bathrooms & kitchens clean and smelling fresh.

LONZA FORMULATION DC-110N is recommended for non-scratch cleaning of showers and tubs, shower floors and curtains, fixtures, and toilet bowls....

LONZA FORMULATION DC-110N is for use in kitchens, bathrooms, other household areas.

LONZA FORMULATION DC-110N kills household germs in minutes effective against harmful pseudomonas, staph and strep, influenza and athlete's foot fungus.

LONZA FORMULATION DC-110N is a Hospital Disinfectant, bactericidal at 1:64 dilution (2.0 ounce per gallon) according to the A Use-Dilution Test method, modified in the presence of 400 ppm water plus 5% organic serum against:

Pseudomonas aeruginosa  
Staphylococcus aureus  
Staphylococcus aureus-MRA  
Salmonella choleraesuis  
Brevibacterium ammoniagenes  
Chlamydia psittaci  
Enterobacter aerogenes  
Enterobacter cloacae  
Escherichia coli  
Escherichia coli-MRA  
Klebsiella pneumoniae  
Klebsiella pneumoniae-MRA  
Salmonella schottmuelleri

Salmonella typhi  
Salmonella typhimurium  
Serratia marcescens  
Shigella dysenteriae  
Shigella flexneri  
Shigella sonnei  
Staphylococcus epidermidis  
Streptococcus faecalis  
Streptococcus faecalis-M1  
Streptococcus pyogenes  
Proteus vulgaris  
Pseudomonas cepacia

LONZA FORMULATION DC-110N is virucidal\* at 1:64 dilution (2.0 ounce per gallon) according to the virucidal qualification, modified in presence of 400 ppm hard water plus 5% organic serum against:

HIV-1 (AIDS virus)  
Influenza A/PR  
Herpes simplex Type 1 and Type 2  
Vaccinia  
Rubella

LONZA FORMULATION DC-110N is fungicidal at 1:64 dilution (2.0 ounce per gallon) according to the AOAC fungicidal test, modified in presence of 400 ppm hard water plus 5% organic serum against Trichophyton mentagrophytes (the athlete's foot fungus), Candida albicans and Aspergillus niger.

LONZA FORMULATION DC-110N is a sanitizer for hard non-food contact surfaces at 2.0 ounces per gallon dilution against Staphylococcus aureus and Enterobacter aerogenes.

**APR 2**  
Under the Federal  
Fungicide, and  
as amended, is  
registered under  
EPA Reg. No.

### **Directions for Use**

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

### **Disinfection general use directions**

Apply LONZA FORMULATION DC-110N to walls, floors and other hard (inanimate) non-porous surfaces (such as metal, stainless steel, glazed porcelain, and plastic), thoroughly wetting surfaces as required. LONZA FORMULATION DC-110N can be applied with a cloth, mop, sponge, or soaked or sprayed. For heavily soiled areas, a preliminary cleaning is required.

For sprayer applications, use a coarse spray device. Spray 6-8 inches from surface, rub with brush, sponge or cloth. Do not breathe spray mist.

### **Disinfection directions**

Add 2.0 oz. per gallon of water, to disinfect hard, non-porous surfaces. Treated surfaces must remain wet for 10 minutes. Prepare a fresh solution daily or when use solution becomes diluted or soiled.

### **\*Virucidal directions**

Add 2.0 oz. per gallon of water, for disinfection against all viruses claimed. Treated surfaces must remain wet for 2 minutes. Prepare a fresh solution daily or when use solution becomes diluted or soiled.

### **Mold and Mildew Control directions**

Add 2.0 oz. per gallon of water, to control the growth of mold and mildew and their odors on hard, non-porous surfaces. Thoroughly wet all treated surfaces completely. Let air dry. Repeat application weekly or when growth or odor reappear.

### **Sanitizing Non-Food Contact Surface directions**

Add 2.0 oz. per gallon of water, to sanitize hard non-porous environmental surfaces. Treated surfaces must remain wet for 60 seconds.

### **Non-Acid Bowl Disinfectant/Cleaner directions**

From concentrate:

Add 2.0 oz. to the toilet bowl and mix. Brush thoroughly over exposed surfaces and under the rim, allow to stand for 10 minutes and flush.

From use-solution:

Empty toilet bowl or urinal and apply 2.0 oz./gal. use-solution exposed surfaces including under the rim with a cloth, mop, sponge or sprayer. Allow to stand for 10 minutes and flush.

**\* KILLS HIV-1 ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in health care settings or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of human immunodeficiency virus Type 1 (HIV-1) (associated with AIDS).

**"SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 ON SURFACES /OBJECTS SOILED WITH BLOOD/BODY FLUIDS."**

**PERSONAL PROTECTION:** Clean-up should always be done wearing protective latex gloves, gowns, masks and eye protection. **CLEANING**

**PROCEDURE:** Blood and other body fluids containing HIV must be thoroughly cleaned from surfaces and objects before application of LONZA FORMULATION DC-110N. **CONTACT TIME:** Leave surface wet

for 2 minutes with 2.0 oz. per gallon use-solution. Use a 10 minute contact time for disinfection against all other bacteria, and fungi claimed.

**DISPOSAL OF INFECTIOUS MATERIALS:** Blood, body fluids, cleaning materials and clothing should be autoclaved and disposed of according

to local regulations for infectious waste disposal.

**PELIGRO:** Si no puede leer en ingles, pregunte a su supervisor sobre las instrucciones de uso apropiadas antes de trabajar con este producto.

