

LONZA FORMULATION S-39 is an industrial cleaner which disinfects as it cleans. It is especially designed for schools, non-medical institutions and industry. A single application removes dirt and grime, disinfects, is virucidal, fungicidal, and inhibits the growth of mold and mildew and their odors. When used as directed, the hard surface disinfecting action of LONZA FORMULATION S-39 will reduce the hazard of cross-contamination. LONZA FORMULATION S-39 is also an effective one-step sanitizer for non-food contact surfaces.

When used as directed, LONZA FORMULATION S-39 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.

Precautionary Statements
Hazard to Humans and Domestic
Animals

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 if swallowed. Avoid contamination of food.

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.

Metal 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.

LONZA
FORMULATION S-39

Disinfectant-Cleaner-Sanitizer-
Fungicide-Mildewstat-Virucide*Deodorizer
with Organic Soil Tolerance for Schools,
Industry, and Non-Medical Institutions

Active Ingredients

Octyl decyl dimethyl ammonium chloride	0.54%
Diocetyl dimethyl ammonium chloride	0.216%
Didecyl dimethyl ammonium chloride	0.324%
Alkyl (C ₁₄ , 50%; C ₁₂ , 40%; C ₁₆ , 10%) dimethyl benzyl ammonium chloride	0.72%

Inert Ingredients

98.20%
100.00%

KEEP OUT OF REACH OF CHILDREN

DANGER **PELIGRO**

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.

SEE LEFT PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS

EPA Registration No.	6036-74
EPA Establishment No.	6836-1L-1
Net Contents	

MANUFACTURED BY
LONZA INC., 17-17 Route 200, Lawn, N.J. 07410

NOT FOR SALE
 LABEL NOT REVIEWED
 PER FR NOTICE 9/1
 DATE MAY 21 1990

BEST AVAILABLE COPY

DIRECTIONS FOR USE

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

LONZA FORMULATION S-39 is a proven one-step cleaner-disinfectant-sanitizer-fungicide-mildewstat-virucide in the presence of moderate amounts of organic soil.

Apply LONZA FORMULATION S-39 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 use solution becomes visibly dirty. *Disinfection*—to disinfect hard, non-porous surfaces, add 2 oz per gallon of water. Treated surfaces must remain wet for 10 minutes.

The activity of FORMULATION S-39 has been evaluated in the presence of 5% serum by the AOAC use dilution test and found to be effective against a broad spectrum of gram negative and gram positive organisms as presented by:

- Escherichia coli
- Salmonella choleraesuis
- Staphylococcus aureus
- Streptococcus pyogenes
- Serratia marcescens
- Salmonella typhi
- Klebsiella pneumoniae
- Salmonella schottmulleri
- Shigella dysenteriae
- Brevibacterium ammoniagenes

Fungicidal Performance

LONZA FORMULATION S-39 is effective against Trichophyton mentagrophytes (the athlete's foot fungus) when used on surfaces in areas such as locker rooms, shower and bath areas, exercise areas, dressing rooms, at 2 oz/gallon.

Mold and Mildew Control

At 2 oz/gallon, LONZA FORMULATION S-39 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 general instructions above). Allow to dry on surface and repeat when mildew growth returns.

Virucidal Performance

*At 2 oz per gallon use level, LONZA FORMULATION S-39 was evaluated in the presence of 5% serum and found to be effective against the following viruses: influenza A/Brazil, Herpes Simplex Type 1 and Vaccinia, on inanimate environmental surfaces.

Sanitizing-Non-Food Contact Surfaces (such as floors, walls, tables, etc.): At 5 oz per 4.5 gallon use level, 30 second contact time, LONZA FORMULATION S-39 is an effective sanitizing agent against Staphylococcus aureus and Klebsiella pneumoniae in the presence of 5% serum on porous and non porous environmental surfaces.

PELIGRO:

SI NO PUEDE LEER EN INGLES, PREGUNTE A SU SUPERVISOR SOBRE LAS INSTRUCCIONES DE USO APROPIADAS ANTES DE TRABAJAR CON ESTE PRODUCTO.