

LONZA FORMULATION S-39 is an industrial cleaner which disinfects as it cleans. It is especially designed for schools, medical institutions and industry. A single application removes dirt and grime, disinfects, is virucidal, fungicidal, and will prevent 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 extremely 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

Hazards to Humans and domestic animals

DANGER

Keep out of reach of children. Corrosive. Causes severe 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 OR DISPOSAL.
OPEN DUMPING IS PROHIBITED.
DO NOT REUSE EMPTY CONTAINER.

PESTICIDE DISPOSAL

PESTICIDE SPRAY MIXTURE OR Rinse WATER THAT CANNOT BE USED ACCORDING TO LABEL INSTRUCTIONS MUST BE DISPOSED OF ACCORDING TO FEDERAL OR APPROVED STATE PROCEDURES. Notify the local RESOURCE CONSERVATION AND RECOVERY ACT.

CONTAINER DISPOSAL

TRIPLE RINSE (OR EQUIVALENT) THEN OFFER FOR RECYCLING OR RECONDITIONING OR DISPOSE IN A SANITARY LANDFILL OR BY INCINERATION AS ALLOWED BY STATE AND LOCAL AUTHORITIES.

GENERAL

CONSULT FEDERAL, STATE, OR LOCAL HEALTH AND SAFETY AUTHORITIES FOR APPROVED PROCEDURES.

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%
Dodecyl Dimethyl Ammonium Chloride	0.27%
Dodecyl Dimethyl Ammonium Chloride	0.27%
Alkyl (C ₁₂ -C ₁₈) C ₁₂ -C ₁₈	
Dimethyl Benzyl Ammonium Chloride	0.72%

Inert Ingredients

98.20%
100.00%

KEEP OUT OF REACH OF CHILDREN

DANGER

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, or 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. Measure against circulatory shock, respiratory depression, and convulsion may be needed.

SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Registration No. 6836-74
EPA Establishment No. 6836-IL-1
Net Contents

MANUFACTURED BY
LONZA INC., 22-10 Route 208, Fair Lawn, N.J. 07410

For Sale For Use And Storage
by Maintenance Personnel Only

Directions for Use

GENERAL CLASSIFICATION

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

LONZA FORMULATION S-39 is a disinfectant-cleaning-sanitizing solution. It is especially designed for schools, medical institutions and industry.

Apply **LONZA FORMULATION S-39** to all hard surfaces. Dilute with water. For general cleaning, use 1/2 to 1 cup per gallon of water. For disinfection, use 1 cup per gallon of water. For sanitizing, use 1/2 cup per gallon of water. For deodorizing, use 1/4 cup per gallon of water. For mold and mildew control, use 1/2 cup per gallon of water. For virucidal action, use 1/2 cup per gallon of water. For fungicidal action, use 1/2 cup per gallon of water.

Disinfection: Dilute with water. For hard surfaces, use 1 cup per gallon of water. For soft surfaces, use 1/2 cup per gallon of water.

Virucidal Performance: **LONZA 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 represented by:

- Escherichia coli
- Staphylococcus aureus
- Streptococcus pyogenes
- Enterobacter aerogenes
- Shigella flexneri
- Adenovirus type 12
- Herpes simplex virus
- Poliovirus type 1
- Poliovirus type 2

Fungicidal Performance: **LONZA FORMULATION S-39** is effective against Trichophyton, Microsporum, and Epidermophyton. It is also effective against Aspergillus, Penicillium, and Rhizopus. It is effective against mold and mildew on hard surfaces, such as walls, ceilings, and floors.

Mold and Mildew Control: **LONZA FORMULATION S-39** is effective against mold and mildew on hard surfaces, such as walls, ceilings, and floors. It is also effective against mold and mildew on soft surfaces, such as fabrics and paper.

Virucidal Performance: **LONZA FORMULATION S-39** is effective against a broad spectrum of gram negative and gram positive organisms as represented by: Escherichia coli, Staphylococcus aureus, Streptococcus pyogenes, Enterobacter aerogenes, Shigella flexneri, Adenovirus type 12, Herpes simplex virus, Poliovirus type 1, Poliovirus type 2.

Sanitizing Non Food Contact Surfaces (such as floors, walls, tables, etc.): Apply 1/2 to 1 cup per gallon of water. For general cleaning, use 1/2 to 1 cup per gallon of water. For disinfection, use 1 cup per gallon of water. For sanitizing, use 1/2 cup per gallon of water. For deodorizing, use 1/4 cup per gallon of water. For mold and mildew control, use 1/2 cup per gallon of water. For virucidal action, use 1/2 cup per gallon of water. For fungicidal action, use 1/2 cup per gallon of water.