


PM 31 6836-1381/3

<b>US ENVIRONMENTAL PROTECTION AGENCY</b> <b>OFFICE OF PESTICIDES PROGRAMS</b> <b>REGISTRATION DIVISION (73-767)</b> <b>WASHINGTON, DC 20460</b>	<b>EPA REGISTRATION NO.</b> <b>6836-138</b>	<b>DATE OF ISSUANCE</b> <b>JUN 18 1990</b>
	<b>TERM OF ISSUANCE</b>	
<b>NOTICE OF PESTICIDE:</b> <input checked="" type="checkbox"/> <b>REGISTRATION</b> <input type="checkbox"/> <b>REREGISTRATION</b> <i>(Under the Federal Insecticide, Fungicide and Rodenticide Act, as amended)</i>	<b>NAME OF PESTICIDE PRODUCT</b> <b>Lonza Formulation S-38F</b>	
	<b>NAME AND ADDRESS OF REGISTRANT (Include ZIP code)</b>  Lonza Inc 17-17 Route 208 Fair Lawn NJ 07410	
<b>NOTE:</b> Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.		
On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.  A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.  Registration is in no way to be construed as an endorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.  This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:  1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.  2. Make the labeling changes listed below before you release the product for shipment:  a. Add the phrase "EPA Registration No. 6836-138."  b. Delete: "General Classification".  c. Delete: Measures against circulatory shock, respiratory depression and convulsion may be needed.  d. Delete: ...meets the requirements of 21 CFR 170.1010.  e. Add: Wash thoroughly with soap and water after handling.		
<input checked="" type="checkbox"/> <b>ATTACHMENT IS APPLICABLE</b>		
<b>SIGNATURE OF APPROVING OFFICIAL</b>		<b>DATE</b>

f. Delete: For Sale For Use and Storage by Maintenance Personnel only.

3. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

John H. Lee   
Product Manager (31)  
Antimicrobial Program Branch  
Registration Division (N7505C)

Enclosure

LONZA FORMULATION S-38 has been formulated to aid in the reduction of cross-contamination in institutions, schools and hospitals. LONZA FORMULATION S-38 is a one-step disinfectant-cleaner that is effective against a broad spectrum of bacteria, is virucidal, fungicidal, and inhibits the growth of mold and mildew and their odors when used as directed. LONZA FORMULATION S-38 is an effective one-step sanitizer-cleaner for use on non-food contact surfaces. When used as directed, LONZA FORMULATION S-38 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 residue 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 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-38F

Disinfectant-Cleaner-Sanitizer-  
Fungicide-Mildewstat-Virucide-Deodorizer  
with Organic Soil Tolerance for Hospitals,  
Institutional and Industrial Use

#### Active Ingredients

Octyl decyl dimethyl ammonium chloride	1.14%
Dioctyl dimethyl ammonium chloride	0.456%
Diodecyl dimethyl ammonium chloride	0.684%
Alkyl (C <sub>12</sub> , 50%; C <sub>14</sub> , 40%; C <sub>16</sub> , 10%) dimethyl benzyl ammonium chloride	1.52%

#### 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, 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.

6836

EPA Establishment No.

6836-R-1

Net Contents

MANUFACTURED BY

LONZA INC., 17-17 Route 206, 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-38 is a proven "one-day" cleaner - disinfectant - sanitizer - fungicide - mildewstat - virucide in the presence of moderate amounts of organic soil.

Apply LONZA FORMULATION S-38 to walls, floors and other hard (non-porous) non-porous surfaces such as tables, chairs, countertops, sinks and bedframes with a cloth, mop or mechanical spray device as so to thoroughly wet surfaces. For heavily soiled areas, a preliminary cleaning is required. Prepare a bath solution daily or when 4.0 solution becomes visibly dirty. Disinfection - to disinfect hard, non-porous surfaces, treated surfaces must remain wet for 10 minutes.

For hospitals and nursing homes, add 2 oz. per gallon of water. The activity of LONZA FORMULATION S-38 has been evaluated in the presence of 9% 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:

<i>Pseudomonas aeruginosa</i>	<i>Enterobacter aerogenes</i>
<i>Staphylococcus aureus</i>	<i>Salmonella enteritidis</i>
<i>Salmonella choleraesuis</i>	<i>Streptococcus faecalis</i>
<i>Escherichia coli</i>	<i>Shigella dysenteriae</i>
<i>Staphylococcus aureus</i>	<i>Brucella abortus</i>
<i>Staphylococcus aureus</i>	<i>Brucella abortus</i>

For schools, non-medical institutional and industrial use: At 1 oz. per gallon of water, LONZA FORMULATION S-38F delivers cleaning and germicidal effectiveness in an effective against *Staphylococcus aureus*, *Salmonella enteritidis* and *Escherichia coli*. The same AOAC tests used above to confirm suitable performance for hospitals were used.

**Fungicidal Performance**  
LONZA FORMULATION S-38F 1 oz. per gallon is an effective fungicide against *Trichophyton mentagrophytes* (the common foot fungus) when used on surfaces in areas such as locker rooms, dressing rooms, showers and bath areas, exercise facilities.

**Mold and Mildew Control**  
At 1 oz. per gallon, LONZA FORMULATION S-38F 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 mold or mildew growth returns.

**Residual Performance**  
At 1 oz. per gallon use-level, LONZA FORMULATION S-38F was evaluated in the presence of 9% serum and found to be effective against the following viruses: Influenza A/Brazil, Herpes simplex Type 1 and Vesicular stomatitis virus (hard non-porous environmental surfaces).

**Sanitizing Non-Food Contact Surfaces** (such as floors, walls, tables, etc.) At 1/2 oz. per gallon use-level, LONZA FORMULATION S-38F is an effective sanitizer against *Staphylococcus aureus* and *Escherichia coli* in the presence of 9% serum on porous and non-porous environmental surfaces. Treated surfaces must remain wet for 60 seconds.

Sanitizing Food water use LONZA cleaning of dairy industry, meat and poultry areas with water, steam, clean water, etc. Formulation S-38 (spray surface) Treated surface a fresh solution locally applied Formulation S-38 U.S. Public Health recommendation.

U.S. SANITARY

Cleaning and Sanitizing

Equipment and prepacked, and food particles are

1) Thoroughly wet solution.

2) Rinse utensils.

3) Sanitize equipment solution least 60 seconds equivalent to a

4) For equipment, morden, apply (300 ppm) act thoroughly wet

5) Allow sanitized S-38F

BEST AVAILABLE COPY