

**KLIX GERMICIDAL 64** 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 will prevent the growth of mold and mildew and their odors. When used as directed, the hard surface disinfecting action of **KLIX GERMICIDAL 64** will reduce the hazard of cross-contamination. **KLIX GERMICIDAL 64** is also an extremely effective one-step sanitizer for non-food contact surfaces.

When used as directed, **KLIX GERMICIDAL 64** 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 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 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 UNDER SUBTITLE C OF THE RESOURCE CONSERVATION AND RECOVERY ACT.

**CONTAINER DISPOSAL**

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

**GENERAL**

CONSULT FEDERAL, STATE, OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES.

SEP 27 1983

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, (or the pesticide registered under EPA Reg. No. 1622-64)

**GERMICIDAL 64**

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

**Active Ingredients**

Octyl Dodecyl Dimethyl Ammonium Chloride	0.54%
Dioctyl Dimethyl Ammonium Chloride	0.27%
Didecyl Dimethyl Ammonium Chloride	0.27%
Alkyl (C <sub>17</sub> , 50% C <sub>18</sub> , 40% C <sub>16</sub> , 10%)	
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 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

For Sale For Use And Storage By Maintenance Personnel Only

EPA REGISTRATION NO. 1622- EPA ESTABLISHMENT NO. 1622-CA-1



NET CONTENTS ONE GALLON (3.785 LITERS)

**Chemical Co., Inc.**

South San Francisco, Los Angeles, Portland, Oregon

**Directions for Use**

**GENERAL CLASSIFICATION**

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

**KLIX GERMICIDAL 64** is a proven "one-step" cleaner-disinfectant-sanitizer-fungicide-mildewstat-virucide in the presence of moderate amounts of organic soil.

Apply **KLIX GERMICIDAL 64** 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 **GERMICIDAL 64** 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
- Salmonella choleraesuis
- Staphylococcus aureus
- Streptococcus pyogenes
- Serratia marcescens
- Salmonella typhi
- Klebsiella pneumoniae
- Salmonella schottmuelleri
- Shigella dysenteriae
- Prevotella amnionigena

**Fungicidal Performance**

**KLIX GERMICIDAL 64** 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, etc. at 2 (1 gallon).

**Mold and Mildew Control**

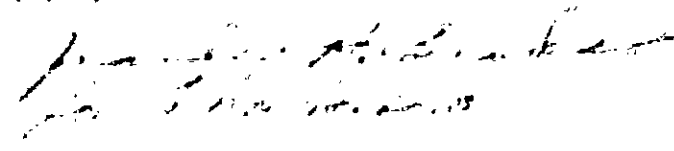
At 2 oz. per gallon, **KLIX GERMICIDAL 64** will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard non-porous surfaces (as indicated in general instructions above). Allow to dry on surface and re-apply when mildew growth returns.

**Virucidal Performance**

At 2 oz. per gallon use-level, **KLIX GERMICIDAL 64** was evaluated in the presence of 5% serum and found to be effective against the following viruses: Influenza A/Brazil, Herpes Simplex 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, **KLIX GERMICIDAL 64** is an effective sanitizing agent against Staphylococcus aureus and Klebsiella pneumoniae in the presence of 5% serum on porous and non-porous environmental surfaces.

BEST DOCUMENT AVAILABLE

<b>U.S. ENVIRONMENTAL PROTECTION AGENCY</b> <b>OFFICE OF PESTICIDES PROGRAMS</b> <b>REGISTRATION DIVISION (WH-567)</b> WASHINGTON, D.C. 20460	<b>EPA REGISTRATION NO.</b> 1622-04	<b>DATE OF ISSUANCE</b> <b>27 SEP 1983</b>
	<b>TERM OF ISSUANCE</b>	
<b>NOTICE OF PESTICIDE:</b> <input type="checkbox"/> REGISTRATION <input checked="" type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	<b>NAME OF PESTICIDE PRODUCT</b> CONFIDENTIAL 04	
	<b>NAME AND ADDRESS OF REGISTRANT (Include ZIP code)</b>  <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">           NIX Chemical Company, Inc.            551 Railroad Avenue            South San Francisco, CA 94080         </div>	
<b>NOTE: 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.</b>		
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 indorsement 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. (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)(9) 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. 1622-04."		
b. For the label size mentioned, the STORAGE AND DISPOSAL heading and the Child hazard warning "KEEP OUT OF REACH OF CHILDREN" would require a 12 point type size minimum and the signal word DANGER (front panel only) would require 36 to point type size minimum.		
3. The revised Confidential Statement of Formula submitted February 10, 1981 is acceptable and has been placed in your file.		
4. The Confidential Statement submitted February 10, 1981 is acceptable and has been assigned to the file number 1622-04-0000.		
<input checked="" type="checkbox"/> ATTACHMENT IS APPLICABLE		<div style="text-align: right;">             _____            DATE         </div>
SIGNATURE OF APPROVING OFFICIAL		

-2-

5. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

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*  
John H. Lee  
Product Manager (31)  
Disinfectants Branch  
Registration Division (TS-767C)

Enclosure