

BEST DOCUMENT AVAILABLE

KLIX K-CIDE OST is a heavy-duty disinfectant cleaner with superior cleaning efficiency. It has been formulated to aid in the reduction of cross-contamination in institutions, schools and hospitals. **KLIX K-CIDE OST** is a one-step disinfectant cleaner that is effective against a broad spectrum of bacteria, is virucidal, fungicidal, and will inhibit mold and mildew and their odors when used as directed. **KLIX K-CIDE OST** is an effective one-step sanitizer-cleaner for use on porous and non-porous non-food contact surfaces in waters up to 400 ppm hardness.

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.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

SEP 27 1983

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 1622-63

**BEST DOCUMENT AVAILABLE
K-CIDE OST**

**Heavy Duty
Disinfectant-Cleaner-Fungicide
Mudewstat-Virucide-Sanitizer-Deodorizer
with Organic Soil Tolerance
for Institutional and Hospital Use**

Active Ingredients

Octyl decyl dimethyl ammonium chloride	0.768%
Dioctyl dimethyl ammonium chloride	0.384%
Didecyl dimethyl ammonium chloride	0.384%
Alkyl (C ₁₂ , 50%; C ₁₄ , 40%; C ₁₆ , 10%) dimethyl benzyl ammonium chloride	1.024%

Inert Ingredients

97.440%
100.000%

**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**

**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 K-CIDE OST is a proven "one-step" cleaner-disinfectant-sanitizer-fungicide-mudewstat-virucide in the presence of organic soil.

Apply **KLIX K-CIDE OST** to walls, floors and other hard (inanimate) surfaces such as tables, chairs, countertops, sinks and bedframes with a cloth, mop or mechanical spray; surface must be sprayed until thoroughly wetted. For heavily soiled areas, a preliminary cleaning is required. Prepare a fresh solution daily or when used solution becomes visibly dirty. Treated surfaces must remain wet for ten minutes.

Disinfection -

For Schools, Institutional (Non-Medical) & Industrial Use: 2 oz. per gallon use level. The activity of **KLIX K-CIDE OST** has been evaluated in the presence of 5% serum by the AOAC Use-Dilution method and found to be effective against a broad spectrum of gram positive and gram negative organisms as represented by:

- Serratia marcescens
- Salmonella typhi
- Staphylococcus aureus
- Salmonella choleraesuis
- Escherichia coli
- Streptococcus pyogenes
- Proteus mirabilis
- Klebsiella pneumoniae
- Enterobacter aerogenes
- Salmonella schottmuelleri
- Shigella dysenteriae
- Bre. bacterium ammoniogenesis

For Hospitals and Nursing Homes: 3 oz. per gallon use level. At this dilution, **KLIX K-CIDE OST** is effective against *Pseudomonas aeruginosa* as well as the broad spectrum organisms listed. The same AOAC tests used above were used to confirm suitable performance.

Virucidal Performance: At 2 oz. per gallon use level, **KLIX K-CIDE OST** was evaluated in the presence of 5% serum and found to be effective against the following viruses: Influenza A (Brazil) Virus, Herpes Simplex and Vaccinia on inanimate environmental surfaces.

Fungicidal Performance -

KLIX K-CIDE OST is an effective fungicide against *Trichophyton mentagrophytes* (the athlete's foot fungus) when used at 2 oz. per gallon in areas such as locker rooms, dressing rooms, shower and bath areas, exercise facilities, etc.

Moldstatic Performance: At 2 oz./gallon, **KLIX K-CIDE OST** will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard, non-porous surfaces (as indicated above). Allow to dry on surface and repeat weekly or when mold growth returns.

Sanitizing-Non-Food Contact Surfaces: At 4 oz. per gallon use level, 30 second contact time, **KLIX K-CIDE OST** is an effective sanitizer in waters of up to 400 ppm hardness against *Staphylococcus aureus* and *Klebsiella pneumoniae* for both porous and non-porous surfaces. For sanitizing non-food contact surfaces, NOTABLE WATER RINSE IS REQUIRED.

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (W7-367) WASHINGTON, D.C. 20460	EPA REGISTRATION NO. (162-03)	DATE OF ISSUANCE 27 SEP 1983
	TERM OF ISSUANCE	
NOTICE OF PESTICIDE: <input type="checkbox"/> REGISTRATION <input checked="" type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	NAME OF PESTICIDE PRODUCT	
NAME AND ADDRESS OF REGISTRANT (Include ZIP code)		
M.I.X. Chemical Company, Inc. 551 Railroad Avenue South San Francisco, CA 94030		
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.		
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. 3(c)(7)(A) provided that you:		
1. submit and/or cite all data required for registration/reregistration on 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 or shipment:		
a. Add the phrase "EPA Registration No. 162-03."		
b. For the label size submitted, the STORGE AND DISPOSAL loading and the Child Hazard Warning "KEEP OUT OF REACH OF CHILDREN" would require a 14 point type size minimum and the signal word DANGER (10 point panel only) would require an 18 point type size minimum.		
3. The complete data submitted February 19, 1983 is acceptable and has been assigned the accession number 242041.		
4. Submit 15 (15) copies of your final printed labeling before you place the product in shipment. Refer to the Act and Regulations for a further description of final printed labeling.		
<input checked="" type="checkbox"/> ATTACHMENT IS APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL		DATE

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.

JHL
Lee

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

Enclosures