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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Sterilex Corporation  
71 Gwynns Mill Court  
Owings Mills, MD 21117

MAR 15 2000

Subject: Ultra-Kleen CW-502  
EPA Registration No. 63761-2  
Amendment Date: 12/21/99  
EPA Receive Date: 12/22/99

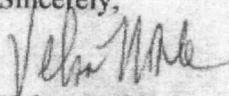
Attention: Ms. Sally Hayes,  
Agent for Sterilex Corp.

The amendment, referenced above, submitted in connection with registration under FIFRA, as amended, for an alternate formulation and additional non-public health use sites, are acceptable.

The Confidential Statement of Formula dated 12/21/99 is acceptable and agrees with the label. It is also in compliance with PR Notice 91-2.

Drains, chair side evacuator traps, and pump filter traps are acceptable non-public health use sites. However, floors is not acceptable because directions to support the site were not provided.

A stamped label is enclosed for your records. Please submit one (1) copy of the final printed label before you release this product for shipment. If you have any questions regarding this letter, please contact Jacqueline Campbell at (703) 308-6416.

Sincerely,  
  
Velma Noble  
Product Manager (31)  
Regulatory Management Branch I  
Antimicrobials Division (7510C)

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

# ULTRA-KLEEN CW-502

Penetrates and Removes Biofilm and other organic contaminants. For use as a Bactericide, Slimicide and Algicide in:

- Recirculating Cooling Water Systems
- Brewery Pasteurizing Systems
- Air Washers
- Pulp and Paper Mills producing pulp and paper that will not come in contact with food products
- Dye Machines
- Water-Jet Looms
- Tanks and Piping used to store and convey Industrial Process Water or Aqueous Mixtures not related to food processing.
- Deionized Water Supply Systems not used in food processing, for human drinking water or in dental lines.

Active Ingredient:

N-Alkyl(C <sub>14</sub> 95%,C <sub>12</sub> 3%,C <sub>16</sub> 2%) dimethylbenzylammonium chloride.....	10.0%
Inert Ingredients.....	90.0%
TOTAL	100.0%

KEEP OUT OF REACH OF CHILDREN

## DANGER

### STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

IF SWALLOWED: Call a doctor or get medical attention. Do not induce vomiting or give anything by mouth to an unconscious person. Drink promptly a large quantity of milk, egg whites, gelatin, or if these are not available, drink large quantities of water. Avoid alcohol.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

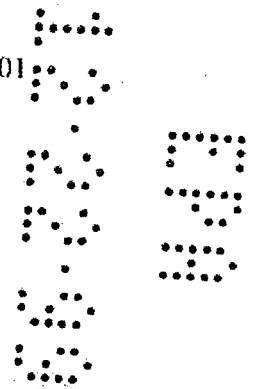
NET WEIGHT \_\_\_\_\_  
LOT NO. \_\_\_\_\_

EPA REG. NO. 63761-2  
EPA EST. NO. 4875-NJ-001

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

MAR 15 2000

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 63761-0



**STERILEX CORPORATION  
1450 SOUTH ROLLING ROAD  
4<sup>TH</sup> FLOOR  
BALTIMORE, MD 21227**

NOTE: Seller warrants that this product complies with the specifications expressed in this label. Seller makes no other warranties, and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for the intended purpose. Seller's liability or default, breach or failure under this label shall be limited to the amount of the purchase price. Seller shall have no liability for consequential damages.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS.**

**DANGER.** Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed or absorbed through skin. Wear goggles and/or face shield, protective clothing and rubber gloves. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

**ENVIRONMENTAL HAZARDS.** This product is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, ocean or other waters unless in accordance with the requirements of a National Pollution Discharge Elimination system (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously consulting the local sewage treatment plant authority. For guidance, contact your Local State Water Board or Regional Office of the EPA.

**PHYSICAL AND CHEMICAL HAZARDS.** When exposed to fire, Ultra-Kleen CW-502 may release oxygen and oxides of carbon and/or nitrogen.

**DIRECTIONS FOR USE**

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

**RECIRCULATING COOLING WATER SYSTEMS, INCLUDING COOLING TOWERS, EVAPORATIVE CONDENSERS AND BREWERY PASTEURIZERS.** Effectively removes biofilm and other organic contaminants in commercial and industrial cooling towers; influent water systems such as flow-through filters; and heat exchange water systems.

**DOSAGE RATES. Initial Dose for badly fouled systems.** Add 5 to 20 lbs. Ultra-Kleen CW-502 per 1000 gallons water contained in the system.

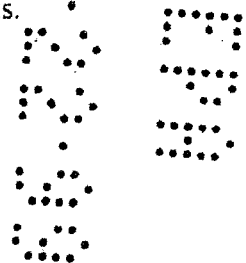
**Subsequent Dose:** When microbial control is evident, subsequent slug additions of 1 to 5 lbs. Ultra-Kleen CW-502 per 1000 gallons of water should be employed every 2 to 5 days or as needed. The frequency of addition depends on the relative amount of bleed-off, the quality of the makeup water and rate of inflow of airborne or other contaminants.

Slug additions should be made in the sump of water cooling towers.

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AIR WASHERS. For use only in industrial air washing systems that maintain effective mist eliminating components. Effectively removes biofilm and other organic contaminants in Industrial Water Scrubbing Systems.

DOSAGE RATES. **Initial Dose for badly fouled systems.** Add 16 to 80 lbs. of Ultra-Kleen CW-502 per 1000 gallons of water contained in the system. If necessary, apply a solution containing 0.016 to 0.08 lbs. Ultra-Kleen CW-502 per gallon of water onto interior surfaces of the system that are not continuously submerged.

**Subsequent Dose:** When microbial control is evident, subsequent slug additions of 1 to 5 lbs. Ultra-Kleen CW-502 per 1000 gallons of water should be employed every 1 to 5 days or as needed. The frequency of addition depends on the relative amount of bleedoff, the quality of the makeup water and rate of inflow of airborne or other contaminants. Slug additions should be made in the sump of Industrial Water Scrubbing Systems.

PULP AND PAPER MILLS. For use only in the production of pulp and paper that will not contact food. Effectively removes biofilm and other organic contaminants in pulp and paper mill fresh and seawater influent water systems, wastewater treatment systems, nonpotable water systems, and other process water.

DOSAGE RATES. **Initial Dose for badly fouled systems.** Add 16 to 80 lbs. of Ultra-Kleen CW-502 per 1000 gallons of water contained in the system. If necessary, apply a solution containing 0.016 to 0.08 lbs. Ultra-Kleen CW-502 per gallon water onto interior surfaces of the system that are not continuously submerged.

**Subsequent Dose:** When microbial control is evident, subsequent slug additions of 0.3 to 2 lbs. Ultra-Kleen CW-502 per 1000 gallons of water should be employed every 1 to 5 days or as needed. The frequency of addition depends on the quality of the makeup water and rate of inflow of airborne or other contaminants.

DYE MACHINES. Effectively removes biofilm and other organic contaminants in Textile Dyeing Machines.

DOSAGE RATES. Clean badly fouled systems by adding 80 to 200 lbs. of Ultra-Kleen CW-502 per 1000 gallons of water contained in a dye storage tank. Circulate the solution from the dye storage tank through the dye machine and all associated piping and other dye storage tanks. If necessary, apply a solution containing 0.08 to 0.2 lbs. Ultra-Kleen CW-502 per gallon of water onto surfaces of the system that are not continuously submerged.

WATER-JET LOOMS. Effectively removes biofilm and other organic contaminants in Water-Jet Looms.

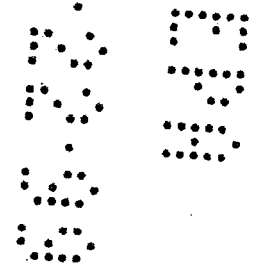
DOSAGE RATES. **Initial Dose for badly fouled systems.** Prepare a solution of 0.08 to 0.20 lbs. of Ultra-Kleen CW-502 per gallon of water and pump through the Water-Jet Loom and all associated piping. If necessary, apply a solution containing 0.08 to 0.2 lbs. Ultra-Kleen CW-502 per gallon of water onto surfaces of the system that are not continuously submerged.

**Subsequent Dose:** When microbial control is evident, subsequent slug additions of 0.2 to 1.0 lbs. Ultra-Kleen CW-502 per 1000 gallons of daily water use should be employed every 1 to 5 days or as needed. The frequency of addition depends on the quality of the makeup water and rate of inflow of airborne or other contaminants.

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and under EPA Reg. No. 63761-2



TANKS AND PIPING USED TO STORE AND CONVEY INDUSTRIAL PROCESS WATER OR AQUEOUS MIXTURES. **Do Not Use in equipment that will contact food.** Effectively removes biofilm and other organic contaminants in Tanks and Piping used to store and convey Industrial Process Water or Aqueous Mixtures.

**DOSAGE RATES.** Fill equipment as completely as possible with a solution of 40 to 400 lbs. of Ultra-Kleen CW-502 per 1000 gallons of system capacity. Circulate for at least 4 hours and then drain system. Rinse system with 6 volumes of water. If necessary, apply a solution containing 0.04 to 0.2 lbs. Ultra-Kleen CW-502 per gallon onto surfaces of the equipment that are not submerged.

DEIONIZED WATER SUPPLY SYSTEMS NOT USED IN FOOD PROCESSING, FOR HUMAN DRINKING WATER OR FOR MEDICAL/DENTAL PROCEDURES. Effectively removes biofilm and other organic contaminants in Tanks, Filters and Piping used to store and convey Deionized Water. Do Not Use where deionized water will be used for food processing, for human drinking water or for medical/dental procedures.

**DOSAGE RATES.** Add 16 to 80 lbs. of Ultra-Kleen CW-502 per 1000 gallons of system capacity. Circulate for at least 4 hours and then drain system. Rinse system with 6 volumes of water. If necessary, apply a solution containing 0.016 to 0.08 lbs. Ultra-Kleen CW-502 per gallon onto surfaces of the equipment that are not submerged.

DRAINS. Effectively removes and controls plugging and odors caused by accumulation of biofilm and other organic contaminants in drains. Prevents stoppage and odors.

**DOSAGE RATES. Initial Dose for badly fouled systems.** Pour from 6 oz. Ultra-Kleen CW-502 around or into one-inch diameter or smaller drains up to 54 oz. Ultra-Kleen CW-502 around or into three-inch diameter drains. If the drain is not in use at the time, follow with one gallon of hot water for every 6 oz. of Ultra-Kleen CW-502 added. Allow to stand for 30 minutes. Repeat until control is evident.

**Subsequent Dose:** When microbial control is evident, subsequent additions of 1 oz. Ultra-Kleen CW-502 into one-inch diameter or smaller drains up to 9 oz. Ultra-Kleen CW-502 into three-inch diameter drains, followed by one gallon of hot water for every 1 oz. of Ultra-Kleen CW-502 added, should be employed every 7 days or as needed.

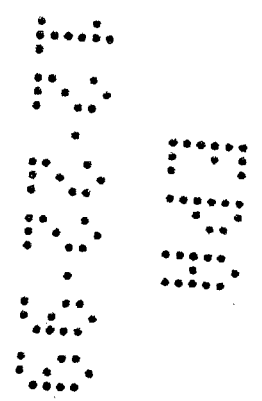
CHAIR SIDE EVACUATOR TRAPS AND PUMP FILTER TRAPS. Effectively removes and controls plugging and odors caused by accumulation of biofilm in chair side evacuator traps and pump filter traps. Prevents stoppage and odor

**DOSAGE RATES. Initial Dose for badly fouled systems.** Dissolve 6 oz. of Ultra-Kleen CW-502 into one gallon of hot water at the end of the working day. Draw all of the solution into the trap and allow to stand overnight. Repeat until control is evident.

**Subsequent Dose:** When microbial control is evident, subsequent slug additions of 1 oz. Ultra-Kleen CW-502 dissolved into one gallon of hot water should be employed every 7 days or as needed.

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### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by improper storage or disposal.

**STORAGE:** Keep product in closed original container when not in use. Store in a cool, dry area away from potential sources of heat, open flames, sunlight or other chemicals. Product should be stored below 100°F.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or 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:** Completely empty plastic liner bag into application equipment. Dispose of empty liner and drum in a sanitary landfill, or incinerate. Burn only if allowed by state and local authorities.

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