



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Antimicrobials Division (7510C)  
1200 Pennsylvania Avenue, N.W.  
Washington, D.C. 20460

EPA Reg. Number:

73683-1

Date of Issuance:

SEP 23 2004

NOTICE OF PESTICIDE:

- Registration
- Re-registration

(under FIFRA, as amended)

Term of Issuance:

CONDITIONAL

Name of Pesticide Product:

Kuriverter EC-503

Name and Address of Registrant (include ZIP code):

Kurita America, Inc.  
1313 Valwood Parkway, Suite 370  
Carrollton, TX 75006

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to use of the label in commerce. In any correspondence on this product always refer to the above 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, as amended.

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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 Section 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA Section 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA Section 4, or as required by registration review under FIFRA Section 3(g).
2. Make the following labeling changes:
  - a. Revise the EPA Registration Number to read, "EPA Reg. No. 73683-1."
  - b. Place the appropriate EPA Establishment No. on the product labeling.

Signature of Approving Official:

Marshall Swindell, Product Manager, Team 33,  
Regulatory Management Branch I, Antimicrobials Division

Date:

SEP 23 2004

The Confidential Statement of Formula dated July 9<sup>th</sup>, 2004, is acceptable.

3. Submit two copies of the revised final printed labeling before you release the product for shipment.

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

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

If you have any questions concerning this letter, please contact Karen M. Leavy-Munk at 703-308-6237.

Sincerely,



Marshall Swindell  
Product Manager 33  
Regulatory Management Branch I  
Antimicrobial Division(7510C)

Enclosure

# KURIVERTER EC-503

<b>ACTIVE INGREDIENTS:</b>	
5-Chloro-2-methyl-4-isothiazolin-3-one	3.12%
2-Methyl-4-isothiazolin-3-one	1.11%
<b>INERT INGREDIENTS:</b>	95.77%
<b>TOTAL: 100.00%</b>	

Industrial Microbicide for use in Recirculating Water Cooling Towers, Air Washer Systems, Metal Working Fluids, Photo processing Systems, Papermill Slime Control, Closed Loop Water Cooling Systems, Brewery Pasteurizer and Can Warmer Systems,

**ACCEPTED**  
with **COMMENTS**  
in EPA Letter Dated:

SEP 23 2004

**DANGER**  
**KEEP OUT OF REACH OF CHILDREN**

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

73683-I

**FIRST AID**

- IF IN EYES:**
  - Hold eye open and rinse slowly and gently with water for 15-20 min.
  - Call a poison control center or doctor for treatment advice.
- IF ON SKIN:**
  - Rinse skin thoroughly with soap and water for 15-20 min.
  - Remove contaminated clothing and wash before reuse.
  - Call a poison control center or doctor for advice.
- IF INHALED:**
  - Move person to fresh air.
  - If person is not breathing, call 911 or an ambulance, then give artificial respiration. If breathing is difficult give oxygen.
  - Call a poison control center or doctor for advice.
- IF SWALLOWED:**
  - Do not induce vomiting. Drink promptly a large quantity of egg whites, gelatin solution or if these are not available, drink large quantities of water.
  - Avoid alcohol
  - Call a poison control center or doctor immediately for advice.
  - Never give an unconscious person anything by mouth.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be necessary.

**SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS.**

**DIRECTIONS FOR USE**

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

**INDUSTRIAL RECIRCULATING WATER COOLING TOWER**

For the control of bacteria, algae and fungi add Kurverter EC-503 microbicide to the lower basin, distribution box, or some other point to insure uniform mixing. Badly fouled systems must be cleaned before treatment is begun.

- **FOR TREATMENT OF 1,000 GALLON SYSTEMS**  
Initial dose: When the system is noticeable fouled, add 170 - 850 gram weight of product to 1000 gallons of water (45 - 225 ppm Kurverter EC-503 microbicide). Repeat until control is achieved.  
Subsequent dose: When microbial control is evident add 56 - 293 gram weight of product to 1000 gallons of water (15 - 75 ppm Kurverter EC-503 microbicide) weekly or as needed to maintain control.
- **FOR TREATMENT OF 2,000 GALLON SYSTEMS**  
Initial dose: When the system is noticeable fouled, add 340 - 850 gram weight of product to 2000 gallons of water (45 - 225 ppm Kurverter EC-503 microbicide). Repeat until control is achieved.  
Subsequent dose: When microbial control is evident add 112 - 596 gram weight of product to 2000 gallons of water (15 - 75 ppm Kurverter EC-503 microbicide) weekly or as needed to maintain control.
- **FOR TREATMENT OF 10,000 GALLON SYSTEMS**  
Initial dose: When the system is noticeable fouled, add 1.7 - 8.5 kg weight of product to 10,000 gallons of water (45 - 225 ppm Kurverter EC-503 microbicide). Repeat until control is achieved.  
Subsequent dose: When microbial control is evident add 0.8 - 2.8 kg weight of product to 10,000 gallons of water (15 - 75 ppm Kurverter EC-503 microbicide) weekly or as needed to maintain control.

**AIR WASHER SYSTEMS**

Add to the air washer sump or chill water sump to insure uniform mixing. 45 - 225 ppm Kurverter EC-503 microbicide per 1000 gallons of water in the system depending upon the severity of contamination to combat bacteria, algae and fungi which cause foiling in industrial air washer systems. Badly fouled systems must be cleaned before treatment is begun.  
NOTE: For use only in industrial air washing systems.

- **FOR TREATMENT OF 1,000 GALLON SYSTEMS**  
Initial dose: When the system is noticeable fouled, add 170 - 850 gram weight of product to 1000 gallons of water (45 - 225 ppm Kurverter EC-503 microbicide). Repeat until control is achieved.  
Subsequent dose: When microbial control is evident add 56 - 293 gram weight of product to 1000 gallons of water (15 - 75 ppm Kurverter EC-503 microbicide) weekly or as needed to maintain control.
- **FOR TREATMENT OF 2,000 GALLON SYSTEMS**  
Initial dose: When the system is noticeable fouled, add 340 - 850 gram weight of product to 2000 gallons of water (45 - 225 ppm Kurverter EC-503 microbicide). Repeat until control is achieved.  
Subsequent dose: When microbial control is evident add 112 - 596 gram weight of product to 2000 gallons of water (15 - 75 ppm Kurverter EC-503 microbicide) weekly or as needed to maintain control.
- **FOR TREATMENT OF 10,000 GALLON SYSTEMS**  
Initial dose: When the system is noticeable fouled, add 1.7 - 8.5 kg weight of product to 10,000 gallons of water (45 - 225 ppm Kurverter EC-503 microbicide). Repeat until control is achieved.  
Subsequent dose: When microbial control is evident add 0.8 - 2.8 kg weight of product to 10,000 gallons of water (15 - 75 ppm Kurverter EC-503 microbicide) weekly or as needed to maintain control.

**PAPERMILLS**

For the control of bacteria, algae and fungi, add Kurverter EC-503 microbicide to the Beater, Hydrapulper, or Fan or Brake Storage Pumps or some other point in the system to insure uniform mixing. Badly fouled systems should be cleaned before initial treatment.

Dosage: Apply 100 - 700 gram weight of Kurverter EC-503 microbicide per tone (dry basis) of pulp or paper produced. For large systems apply 10 - 50 kg weight of Kurverter EC-503 microbicide per 20 tones (dry basis) of pulp or paper produced. Repeat daily or as needed to maintain control.

**INDUSTRIAL RECIRCULATING CLOSED LOOP WATER COOLING SYSTEMS**

For the control of bacteria, algae and fungi add Kurverter EC-503 microbicide to the Reservoir recirculating line or some other point to insure uniform mixing. Badly fouled systems must be cleaned before treatment is begun.

- **FOR TREATMENT OF 1,000 GALLON SYSTEMS**  
Initial dose: When the system is noticeable fouled, add 170 - 850 gram weight of product to 1000 gallons of water (45 - 225 ppm Kurverter EC-503 microbicide). Repeat until control is achieved.  
Subsequent dose: When microbial control is evident add 56 - 293 gram weight of product to 1000 gallons of water (15 - 75 ppm Kurverter EC-503 microbicide) weekly or as needed to maintain control.
- **FOR TREATMENT OF 2,000 GALLON SYSTEMS**  
Initial dose: When the system is noticeable fouled, add 340 - 850 gram weight of product to 2000 gallons of water (45 - 225 ppm Kurverter EC-503 microbicide). Repeat until control is achieved.  
Subsequent dose: When microbial control is evident add 112 - 596 gram weight of product to 2000 gallons of water (15 - 75 ppm Kurverter EC-503 microbicide) weekly or as needed to maintain control.
- **FOR TREATMENT OF 10,000 GALLON SYSTEMS**  
Initial dose: When the system is noticeable fouled, add 1.7 - 8.5 kg weight of product to 10,000 gallons of water (45 - 225 ppm Kurverter EC-503 microbicide). Repeat until control is achieved.  
Subsequent dose: When microbial control is evident add 0.8 - 2.8 kg weight of product to 10,000 gallons of water (15 - 75 ppm Kurverter EC-503 microbicide) weekly or as needed to maintain control.

**BREWERY PASTEURIZERS AND CAN WARMERS**

For the control of bacteria, algae and fungi in brewery pasteurizers and can warmers add Kurverter EC-503 microbicide at a point to insure uniform mixing. Badly fouled systems must be cleaned before treatment is begun.

- **FOR TREATMENT OF 1,000 GALLON SYSTEMS**  
Initial dose: When the system is noticeable fouled, add 170 - 850 gram weight of product to 1000 gallons of water (45 - 225 ppm Kurverter EC-503 microbicide). Repeat until control is achieved.  
Subsequent dose: When microbial control is evident add 56 - 293 gram weight of product to 1000 gallons of water (15 - 75 ppm Kurverter EC-503 microbicide) weekly or as needed to maintain control.
- **FOR TREATMENT OF 2,000 GALLON SYSTEMS**  
Initial dose: When the system is noticeable fouled, add 340 - 850 gram weight of product to 2000 gallons of water (45 - 225 ppm Kurverter EC-503 microbicide). Repeat until control is achieved.  
Subsequent dose: When microbial control is evident add 112 - 596 gram weight of product to 2000 gallons of water (15 - 75 ppm Kurverter EC-503 microbicide) weekly or as needed to maintain control.
- **FOR TREATMENT OF 10,000 GALLON SYSTEMS**  
Initial dose: When the system is noticeable fouled, add 1.7 - 8.5 kg weight of product to 10,000 gallons of water (45 - 225 ppm Kurverter EC-503 microbicide). Repeat until control is achieved.  
Subsequent dose: When microbial control is evident add 0.8 - 2.8 kg weight of product to 10,000 gallons of water (15 - 75 ppm Kurverter EC-503 microbicide) weekly or as needed to maintain control.

Kurverter EC-503 Microbicide weighs 1lb/gallon.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

SEP 23 2004

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
extended, for the pesticide,  
registered under EPA Reg. No.

73683-1

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER  
CORROSIVE**

**CAUSES EYE DAMAGE AND SKIN BURNS.  
MAY CAUSE ALLERGIC SKIN REACTION.  
MAY BE HARMFUL IF INHALED.  
MAY BE HARMFUL IF SWALLOWED OR ABSORBED  
THROUGH THE SKIN.**

Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Avoid breathing vapor or mist. Avoid contamination of food. Do not take internally. Wash thoroughly after handling.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish and wildlife. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant 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 notifying the local sewage treatment plant authority. For contaminated water by cleaning of equipment or disposal of waste. Apply this pesticide only as specified on this label.

**CONDITIONS OF SALE AND WARRANTY**

Kurita America warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions and as the Directions for use on this label. **KURITA AMERICA MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES, EITHER OF MERCHANTABILITY OR FITNESS, FOR A PARTICULAR USE.** Handling, storage, and use of the product by Buyer or User are beyond the control of Kurita America and Seller. Risks such as ineffectiveness or other unintended consequences resulting from, but not limited to, failure to follow directions will be assumed by the Buyer or User. **TO THE EXTENT PERMITTED BY LAW, NEITHER KURITA AMERICA NOR SELLER SHALL BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.**

**STORAGE AND DISPOSAL**

**PESTICIDE STORAGE**  
Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Do not apply this product in a way that will contact workers or other persons.

**PESTICIDE DISPOSAL**  
Pesticide wastes are acutely hazardous. Improper disposal of excess pesticides 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 guidance.

**METAL CONTAINERS**

Triple Rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

**PLASTIC CONTAINERS**

Triple Rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burning stay out of smoke.

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

Date of Manufacture: 01/01/01  
EPA Reg. No. XXX-XXX  
EPA Est. No. XXXX-XXX-X

Avg. Gross: \_\_\_\_\_ LB \_\_\_\_\_ KG  
Net: \_\_\_\_\_ LB \_\_\_\_\_ KG  
Avg. Thr: \_\_\_\_\_ LB \_\_\_\_\_ KG



Manufactured for

**KURITA  
AMERICA INC.**

Kurita America, Inc.  
1313 Valwood Parkway, Suite 370  
Carrollton Tx. 75006  
Phone 972.484.4438  
Fax 972.484.4445

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with COMMENTS  
in EPA Letter Dated:

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