

ACCEPTED

March 23, 1973

UNDER THE FEDERAL INSECTICIDE FUNGICIDE AND REPELLENT ACT FOR ECONOMIC POISON REGISTERED UNDER NO. 106-59



# BRULINCIDE #502

• DISINFECTANT • DEODORIZER • SANITIZER

Also: A MICROBIOCIDE FOR USE IN INDUSTRIAL OPEN RECIRCULATING WATER COOLING TOWERS TO REDUCE THE NUMBER OF LIVING ALGAE

- When used as recommended, effective against *Escherichia coli*, *Staphylococcus aureus*, *Salmonella choleraesuis*, *Pseudomonas aeruginosa*, and *Trichophyton interdigitale*
- Non-flammable, Odorless and Nonvolative In Use Dilutions

## DIRECTIONS

BRULINCIDE #502 is a concentrate and must be diluted before use. All surfaces must be cleaned before disinfection with BRULINCIDE #502.

| APPLICATION   | Use Dilution: Quantity of BRULINCIDE #502 to make: |                    |
|---|--|--------------------|
|   | 1 quart  | 1 gallon*          |
| <b>COLD DISINFECTION OF PREVIOUSLY CLEANED SURGICAL INSTRUMENTS, BARBER TOOLS AND DENTAL EQUIPMENT:</b> Immerse instruments into solution for submersive time of 10 minutes.  | 3 tsp.   | 1 1/2 oz.          |
| <b>HOSPITAL FLOORS, WALLS, OTHER HARD SURFACES</b> similarly found in nursing centers, clinics, professional offices. Includes sink tops, garbage pails, telephones and rest-rooms. At this level, BRULINCIDE #502 will be effective against <i>Pseudomonas aeruginosa</i> PRD-10. (solution mopped on with clean mop, or applied with clean rag or sponge)                                 | 4 tsp.   | 2 oz.              |
| <b>INSTITUTIONAL, OTHER THAN ABOVE:</b> For sanitizing and disinfecting inanimate hard surfaces in schools, locker rooms, garbage pails, sink tops, corridors, classrooms, offices, toilet seats and exterior bowl surfaces. Apply solution with mop or cloth. Disinfect applications kill <i>Staphylococcus aureus</i> and <i>Salmonella choleraesuis</i> .<br>To Sanitize<br>To Disinfect | 1/2 tsp.<br>1 1/2 tsp.                             | 1/4 oz.<br>0.7 oz. |
| <b>TO SANITIZE FOOD PROCESS EQUIPMENT AND UTENSILS.</b> At this level, provides 200 ppm. of active quaternary, and no potable water rinse required.   | 1/2 tsp.   | 1/4 oz.            |
| <b>TO SANITIZE DAIRY EQUIPMENT.</b> First clean and rinse the equipment thoroughly. Then apply sanitizing solution of BRULINCIDE #502 (200 ppm.). At this level, no potable water rinse is required. Follow recommendations of local health board.  | 1/2 tsp.   | 1/4 oz.            |
| <b>RESTAURANT AND BAR RINSE:</b> To sanitize china, silver, glassware and cooking utensils, wash with soap or synthetic detergent, rinse thoroughly and immerse in a BRULINCIDE #502 solution. No terminal potable water rinse required.  | 1/2 tsp.   | 1/4 oz.            |

\*Use plastic measure or graduated pitcher.

FOR USE AS AN INDUSTRIAL WATER TREATMENT SLIMICIDE, and FOR USE AS A SWIMMING POOL ALGAEICIDE, use BRULINCIDE #502 in accordance with directions given on Brulin Technical Data Sheet No. TIS 606.3. These directions are detailed. Lack of space prevents listing here. Use only as directed in this bulletin.

1P-10M-2/73

### Active Ingredients:

n-Alkyl (60% C<sub>14</sub>, 30% C<sub>16</sub>, 5% C<sub>12</sub>, 5% C<sub>18</sub>) dimethyl benzyl ammonium chlorides ..... 5%  
n-Alkyl (68% C<sub>12</sub>, 32% C<sub>14</sub>) dimethyl ethylbenzyl ammonium chlorides ..... 5%

Inert Ingredients ..... 90%  
100%

## DANGER: Keep Out of Reach of Children

Corrosive. Causes eye damage and skin irritation. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food.

**FIRST AID:** 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.

**CONTAINER DISPOSAL:** Rinse empty containers thoroughly with water, and discard.

This product is toxic to fish. Treated effluent should not be discharged where it will drain into lakes, streams, ponds, or public water. Apply this product only as specified on this label.

BRULINCIDE #502 is a commercial product, not intended for home use.

E.P.A. Registration No. 106-59

NET CONTENTS  U.S. GALLONS

Manufactured and Sold by:

**BRULIN & COMPANY, INC.**

Richmond, California 94804

INDIANAPOLIS, INDIANA 46206 U.S.A.

Westwood, New Jersey 07675

ACCEPTED



# BRULINCIDE #502

• DISINFECTANT • DEODORIZER • SANITIZER

Also: A MICROBIOCIDE FOR USE IN INDUSTRIAL OPEN RECIRCULATING WATER COOLING TOWERS TO REDUCE THE NUMBER OF LIVING ALGAE

- When used as recommended, effective against *Escherichia coli*, *Staphylococcus aureus*, *Salmonella choleraesuis*, *Pseudomonas aeruginosa*, and *Trichophyton interdigitale*
- Non-flammable, Odorless and Nonvolatile in Use Dilutions

## DIRECTIONS

**BRULINCIDE #502** is a concentrate and must be diluted before use. All surfaces must be cleaned before disinfection with **BRULINCIDE #502**.

| APPLICATION   | Use Dilution: Quantity of BRULINCIDE #502 to make: |           |
|---|--|-----------|
|   | 1 quart  | 1 gallon* |
| <b>COLD DISINFECTION OF PREVIOUSLY CLEANED SURGICAL INSTRUMENTS, BARBER TOOLS AND DENTAL EQUIPMENT:</b> Immerse instruments into solution for submersive time of 10 minutes.  | 3 tsp.   | 1 1/2 oz. |
| <b>HOSPITAL FLOORS, WALLS, OTHER HARD SURFACES</b> Similarly found in nursing centers, clinics, professional offices. Includes sink tops, garbage pails, telephones and restrooms. At this level, <b>BRULINCIDE #502</b> will be effective against <i>Pseudomonas aeruginosa</i> . <b>BRULINCIDE #502</b> solution mopped or with clean mop, or applied with clean rag or sponge. | 4 tsp.   | 2 oz.     |
| <b>INSTITUTIONAL, OTHER THAN ABOVE:</b> For sanitizing and disinfecting inanimate hard surfaces in schools, locker rooms, garbage pails, sink tops, corridors, classrooms, offices, toilet seats and exterior wall surfaces. Apply solution with mop or cloth. Disinfect applications against <i>Staphylococcus aureus</i> and <i>Trichophyton interdigitale</i> .                | To Sanitize<br>1 tsp.                              | 1 oz.     |
|   | To Disinfect<br>1 1/2 tsp.                         | 2 1/2 oz. |
| <b>TO SANITIZE FOOD PROCESS EQUIPMENT AND UTENSILS.</b> At this level, provides 200 ppm of active quaternary, and no potable water rinse required.  | 1 tsp.   | 1 oz.     |
| <b>TO SANITIZE DAIRY EQUIPMENT.</b> First clean and rinse the equipment thoroughly. Then apply sanitizing solution of <b>BRULINCIDE #502</b> (200 ppm). At this level, no potable water rinse is required. Follow recommendations of local health board.  | 1 tsp.   | 1 oz.     |
| <b>RESTAURANT AND BAR RINSE:</b> To sanitize china, silver, glassware and cooking utensils, wash with soap or synthetic detergent, rinse thoroughly and immerse in a <b>BRULINCIDE #502</b> solution. No formal potable water rinse required.   | 1 tsp.   | 1 oz.     |

\*Use plastic measure or graduated pitcher.

**FOR USE AS AN INDUSTRIAL WATER TREATMENT SLIMICIDE, and FOR USE AS A SWIMMING POOL ALGAEICIDE,** use **BRULINCIDE #502** in accordance with directions given on Brulin Technical Data Sheet No. TIS 606-3. These directions are detailed. Lack of space prevents listing here. Use only as directed in this bulletin.

## Active Ingredients:

n-Alkyl (60% C<sub>14</sub>, 30% C<sub>16</sub>, 5% C<sub>12</sub>, 5% C<sub>10</sub>) dimethyl benzyl ammonium chlorides ..... 5%  
n-Alkyl (68% C<sub>12</sub>, 32% C<sub>14</sub>) dimethyl ethylbenzyl ammonium chlorides ..... 5%

## Inert Ingredients

..... 90%  
..... 100%

## DANGER: Keep Out of Reach of Children

Corrosive. Causes eye damage and skin irritation. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food.

**FIRST AID:** 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.

**CONTAINER DISPOSAL:** Rinse empty containers thoroughly with water, and discard.

This product is toxic to fish. Treated effluent should not be discharged where it will drain into lakes, streams, ponds, or public water. Apply this product only as specified on this label.

**BRULINCIDE #502** is a commercial product, not intended for home use.

E.P.A. Registration No. 106-59

NET CONTENTS  U.S. GALLONS

Manufactured and Sold by

**BRULIN & COMPANY, INC.**

Richmond, California 94804

INDIANAPOLIS, INDIANA 46206 U.S.A.

Westwood, New Jersey 07675