

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

**DANGER**

**KEEP OUT OF REACH OF CHILDREN.** Corrosive. Causes irreversible eye and skin burns. May be fatal if absorbed through the skin. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves and protective clothing when handling. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash clothing before reuse.

*(If container is 5 gallons or larger the following statement must appear on the label)*

**ENVIRONMENTAL HAZARD**

This pesticide is toxic to fish. 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 into sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**PHYSICAL OR CHEMICAL HAZARDS**

Do not mix with oxidizers, anionic soaps and detergents

*(If the container is greater than one gallon use the following storage and disposal statements.)*

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Open dumping is prohibited. Store only in original container. Do not reuse empty container. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

**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** – (Larger than 1 gal.) – 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. In addition, plastic containers may be disposed of by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

*(If container is one gallon or less use the following storage and disposal statements.)*

**STORAGE AND DISPOSAL**

Store in original container in areas inaccessible to small children. Do not store on the side. Avoid creasing or impacting of side walls. Do not reuse empty container. Wrap and discard in trash.

**RECEIVED**  
MAR 3 2003  
Under the Federal Insecticide, Fungicide, and  
Rodenticide Act  
EPA Reg. No. 10324-109

**MAQUAT<sup>®</sup> 615-LR**

U.S. PATENT No. 6,395,698 B1

Disinfectant, Cleaner, Mildewstat, Sanitizer (nonfood contact surfaces), Deodorizer for Hospitals, Institutional, Industrial and School Use and for Harvesting & Handling Equipment - Effective in hard water up to 400 ppm hardness (Calculated as CaCO<sub>3</sub>) in the presence of 5% serum contamination.

**ACTIVE INGREDIENTS:**

Octyl Decyl Dimethyl Ammonium Chloride .....	6.510%
Didecyl Dimethyl Ammonium Chloride.....	3.255%
Diocetyl Dimethyl Ammonium Chloride.....	3.255%
Alkyl (C <sub>14</sub> , 50%; C <sub>12</sub> , 40%; C <sub>16</sub> , 10%) dimethyl benzyl ammonium chloride.....	8.680%
<b>INERT INGREDIENTS:</b> .....	<b>78.300%</b>
<b>TOTAL</b> .....	<b>100.000%</b>

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

See left panel for additional precautionary statements

**First Aid**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice.

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

**MASON CHEMICAL COMPANY**

"THE QUATERNARY SPECIALISTS"

721 W. Algonquin Road  
Arlington Heights, IL 60005  
847-290-1621

Toll Free:  
1-800-362-1855

E.P.A. Reg. No. 10324-109  
E.P.A. Est. No. 10324-IL-1

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MAQUAT 615-LR is a phosphate free, pH neutral formulation designed to provide effective cleaning, deodorizing and disinfection in areas where housekeeping is of prime importance in controlling the hazard of cross contamination on treated surfaces.

MAQUAT 615-LR for use in:

- Hospitals, nursing homes, medical and dental offices and clinics, operating rooms, isolation wards, and medical research facilities.
- Day care centers and nurseries.
- Restaurants and bars, cafeterias, institutional kitchens, fast food operations and food storage areas.
- Supermarkets, convenience stores, retail and wholesale establishments, dressing rooms and laundries.
- Crime scenes and funeral homes.
- Institutional facilities, laboratories, factories, business and office buildings, restrooms, hotels and motels and transportation terminals.
- Kitchens, bathrooms and other household areas.
- Institutions, schools and colleges, churches, classrooms, athletic facilities and locker rooms.
- Campgrounds, playgrounds, and recreational facilities.
- Food processing plants, dairy farms, hog farms, poultry and turkey farms and egg processing plants.
- Veterinary clinics, animal life science laboratories, kennels, breeding and grooming establishments, pet animal quarters, zoos, pet shops, and other animal care facilities.
- Household and automotive garages, boats, ships, campers, trailers, mobile homes, cars, buses, trains, taxis and airplanes.

MAQUAT 615-LR is a one step neutral disinfectant that is effective against a broad spectrum of bacteria, and inhibits the growth of mold and mildew and their odors when used as directed.

MAQUAT 615-LR when used as directed, is formulated to disinfect hard non-porous inanimate environmental surfaces such as:

- Non-food contact glass, metal, stainless steel, glazed porcelain, glazed ceramic, fiberglass, granite, marble, plastic, chrome and vinyl.
- Tables, chairs, desks, bed frames, walls, cabinets, doorknobs and garbage cans.
- Picnic tables and outdoor furniture.
- Telephones.
- Non-food contact counter tops, sinks, refrigerator exteriors, coolers, freezer exteriors, stovetops, appliances, non-food contact equipment, shelves, racks and carts.
- Highchairs.
- Shower stalls, shower doors and curtains, tubs and tubs, toilets, urinals, porcelain glazed tile and restroom fixtures.
- Kennels and cages.
- Windows and mirrors.
- For larger areas such as operating rooms and patient care facilities, this product is designed to provide both general cleaning and disinfection.

MAQUAT 615-LR is a no rinse neutral pH disinfectant cleaner that disinfects, cleans and deodorizes in one labor saving step.

When used as directed, MAQUAT 615-LR will deodorize surfaces in toilet areas, behind and under sinks and counters, garbage cans and garbage storage area, and other places where bacterial growth can cause mal odors.

MAQUAT 615-LR is formulated to a neutral pH, yet provides effective cleaning strength that will not dull high gloss floor finishes with repeated use.

MAQUAT 615-LR cleans, shines, deodorizes and disinfects all hard non-porous household surfaces listed on the label. It inhibits the growth of mold and mildew, leaving bathrooms and kitchens clean and fresh smelling.

MAQUAT 615-LR is recommended for non-scratch cleaning of showers and tubs, shower doors and curtains, fixtures and toilet bowls.

MAQUAT 615-LR is for use in kitchens, bathrooms and other household areas.

MAQUAT 615-LR is an economical concentrate that can be used with a mop and bucket, trigger sprayers or sponge.

MAQUAT 615-LR is a neutral pH multi-surface cleaner, deodorizer and disinfectant. Use on windows, mirrors, and other non-food contact glass surfaces.

MAQUAT 615-LR is an effective one step sanitizer-cleaner for use on non-food contact surfaces.

MAQUAT 615-LR is recommended for Poultry Premise Sanitation (Hatcheries)

Egg Receiving Area	Tray Dumping Area	Chick Processing Area
Egg Holding Area	Chick Holding Area	Chick Loading Area
Setter Room	Hatchery Room	Poultry Buildings

MAQUAT 615-LR is recommended for Swine Premise Sanitation:

Farrowing Barns and Areas	Dressing Plants	Blocks
Waterers and Feeders	Loading Equipment	Creep Area
Hauling Equipment	Nursery	Chutes

#### DIRECTIONS FOR USE

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

(This product is not to be used as a terminal sterilant/high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or, (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection)

#### PREPARATION OF USE SOLUTION:

For water hardness up to 400 ppm add ½ ounce per gallon (4 milliliters per liter) of water (1:256) to disinfect hard non-porous surfaces.

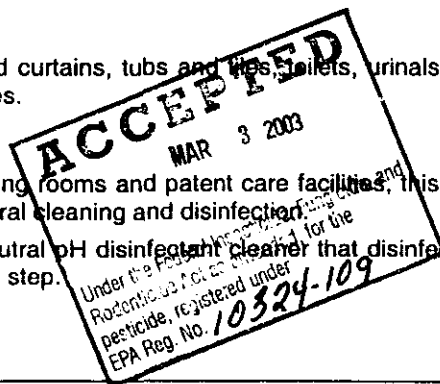
MAQUAT 615-LR is a Hospital Use Disinfectant at ½ ounce per gallon (4 milliliters per liter), (1:256 dilution), modified in the presence of 400 ppm hard water.

MAQUAT 615-LR is Bactericidal according to the AOAC Use Dilution Test method, on hard inanimate surfaces, modified in the presence of 5% organic serum against:

*Pseudomonas aeruginosa*

*Salmonella choleraesuis*

*Staphylococcus aureus*



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### Disinfection Directions:

Apply use solution to hard inanimate, non-porous surfaces thoroughly wetting surfaces as recommended and required, with a cloth, mop, sponge or sprayer. For heavily soiled areas, a preliminary cleaning is required. For sprayer applications use a coarse spray device. Spray 6-8 inches from surface, rub with brush, sponge or cloth. Do not breathe spray mist.

Before using this product, food products and packaging materials must be removed from the room or carefully protected. After use, all food contact surfaces in the area must be thoroughly rinsed with potable water.

Add ½ ounce per gallon (4 milliliters per liter) of water to disinfect hard, non-porous surfaces. Treated surfaces must remain wet for 10 minutes. Prepare a fresh solution daily, more often or when use dilution becomes diluted, soiled or visibly dirty.

### Mold and Mildew Control Directions:

Add ½ ounce per gallon (4 milliliters per liter) of water to control the growth of mold and mildew and their odors on hard, non-porous surfaces. Thoroughly wet all treated surfaces completely. Let air dry. Repeat application weekly or when growth or odor reappears.

### Sanitizing Non-Food Contact Surface Directions:

Add ½ ounce per gallon (4 milliliters per liter) of water to sanitize hard non-porous environmental surfaces. Treated surfaces must remain wet for 60 seconds. Allow to air dry.

This product is not for use to disinfect or clean eating utensils, glassware and dishes.

### Citrus Canker Control And Control of Bacteria Spot of Tomatoes

For prevention of Citrus Canker and Bacterial Spot of Tomatoes Diseases through treatment of equipment. Effective against *Xanthomonas axonopodis* pv. *citri* (Citrus Canker) and *Xanthomonas campestris* pv. *Vesicatoria* (bacteria spot of tomatoes) at 2000 ppm active quat. Treat all trucks, vehicles, and equipment thoroughly at a dilution ratio of 1:108 (2000 ppm active quat). Treatment can be applied to outer clothing, shoes, trucks, attached trailers, field harvesting equipment including cargo area, wheels, tires, under carriage, hood, roof, fenders and any other part of transportation equipment that can be taken into infested areas. To prevent the spread of Citrus Canker by this artificial means of transportation, treatments are made by trigger spraying, dipping or brushing, using maximum rate 2000 ppm quat. After use, all surfaces, which come in contact with food or crop, must be rinsed with potable water. Clothing should be either thoroughly rinsed or laundered before reuse. Footwear should be rinsed before reuse.

### Non-Acid Toilet Bowl Disinfection/Cleaner Directions:

Remove gross filth prior to disinfection.

#### From concentrate:

Add ½ ounce (4 milliliters per liter) to the toilet bowl and mix. Brush thoroughly over exposed surfaces and under the rim; allow to stand for 10 minutes and flush.

#### From use solution:

Empty toilet bowl or urinal and apply ½ ounce per gallon (4 milliliters per liter) use solution to exposed surfaces including under the rim with a cloth, mop, sponge or sprayer, brush or swab thoroughly and allow to stand for 10 minutes and flush.

#### For heavy duty use:

Empty toilet bowl or urinal and apply 2 ounces per gallon (16 milliliters per liter) use solution to exposed surfaces including under the rim with a cloth, mop, sponge or sprayer, brush or swab thoroughly and allow to stand for 10 minutes and flush.

### Cleaning/Deodorizing Directions:

Add 0.25 – 1 ounce per gallon (2-8 milliliters per liter) of water to clean and deodorize windows, mirrors and glass surfaces.

**Use a coarse spray device.** Spray 6-8 inches from surface, rub with sponge or cloth. Do not breathe spray mist.

### POULTRY (AND SWINE) PREMISE SANITATION SITE PREPARATION

The first step in any on-going sanitation program should be the removal of gross contamination and debris. This may be accomplished using a shovel, broom, or vacuum depending on the area to be disinfected. The efficacy of even the most efficient germicidal cleaner is reduced in the presence of heavy organic matter. Once the heavy debris is eliminated thoroughly clean all surfaces with soap or detergent and rinse with water.

### CLEANING AND DISINFECTION

For all general cleaning and disinfection use 1/2 ounce of MAQUAT 615-LR per gallon of water. Apply MAQUAT 615-LR using a cloth, mop, or pressure sprayer so as to thoroughly wet surface to be disinfected. Allow to remain wet for 10 minutes and then let air dry. For heavily soiled areas, a pre-cleaning step is required. Prepare a fresh solution after each use.

### APPLICATIONS AND USE DILUTION

#### POULTRY (and SWINE) PREMISE

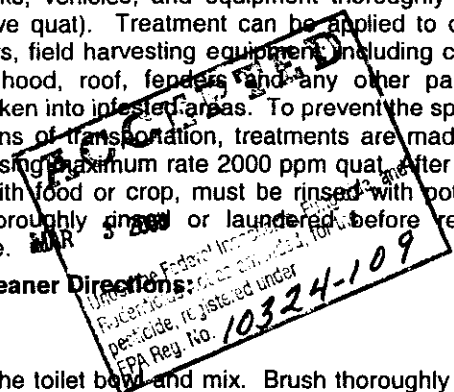
Remove all animals and feeds from premises, trucks, cars, coops and crates. Remove all litter, droppings and manure from floors, walls and surfaces of facilities occupied or traversed by animals. Empty all troughs, racks and other feeding end watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Use 1/2 ounce of MAQUAT 615-LR per gallon of water. Saturate surfaces with the recommended disinfecting solution for a period of 10 minutes. Ventilate buildings, coops and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains and waterers with soap or detergent, and rinse with potable water before reuse. Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure.

**HATCHERIES:** Use 1/2 ounce of MAQUAT 615-LR per gallon of water to treat the following hard non-porous surfaces: hatcher, setters, trays, racks, carts, sexing tables, delivery trucks and other hard surfaces. Leave all treated surfaces exposed to disinfectant solution wet for 10 minutes or more. Rinse with potable water before reuse. Then allow to air dry.

**VEHICLES:** Clean all vehicles including mats, crates, cabs, and wheels with high pressure water and MAQUAT 615-LR. Use 1/2 ounce per gallon to treat all vehicles. Leave all treated surfaces exposed to disinfectant solution wet for 10 minutes or more.

**SHOE BATH SANITIZER:** Shoe baths containing one inch of freshly made solution should be placed at all entrances to buildings, hatcheries and at all the entrances to the production and packaging rooms. Scrape waterproof shoes and place in a ½ ounce of MAQUAT 615-LR per gallon (4 milliliters per liter) of water solution for 60 seconds prior to entering area. Change the solution in the bath daily or sooner if solution appears dirty.

**DRESSING PLANT USE:** Disinfect equipment, utensils, walls and floors in poultry and animal dressing plants. Disinfect offal rooms, exterior walls and loading platforms of dressing plants. Cover or remove all food and packaging materials. Remove all



gross soils. Saturate all surfaces with the recommended use solution, 1/2 ounce of MAQUAT 615-LR per gallon of water. Scrub to loosen all soils. Allow to soak for 10 minutes and thoroughly rinse all wetted and cleaned surfaces with potable water.

#### **SANITIZING HATCHERY ROOMS USING FOGGING DEVICES**

Remove all animals and feed from premises, vehicles and enclosures. Remove all litter and manure from floors, walls and surfaces of the room to be treated. Empty all troughs, racks and other feeding and watering appliances. Close room off so fog is confined to room to be treated. Mix one part MAQUAT 615-LR to five parts water (1/2 gallon MAQUAT 615-LR to 2.5 gallons water). Insert the nozzle of the fogger through a suitable opening into the room. With the setting in maximum output, fog for one minute for each 4000 cubic feet of space in the room. When fogging is completed ventilate buildings and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed or dried. Thoroughly clean all surfaces with soap or detergent and rinse with water.

#### **SANITIZING INCUBATORS AND HATCHERS USING FOGGING DEVICES**

Mix 6 ounces of MAQUAT 615-LR to 122 ounces of water. Fog 3-8 ounces of this into setters and hatchers immediately after transfer. Repeat daily in setters and every 12 hours in hatchers. Discontinue hatcher treatments at least 24 hours prior to pulling the hatch. Do not allow people to contact or breath this fog and do not enter until the fog has settled (30-60 minutes after fogging is completed). It is acceptable to fog setters and hatchers with a 1/2 ounce per gallon solution of MAQUAT 615-LR on an hourly or every other hour basis. If this is done, fog for 30-90 seconds once per hour or once every two hours. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains and waterers with soap or detergent, and rinse with potable water before reuse.

**NOTE:** The fog generated is irritating to the eyes, skin and mucous membranes. Under no circumstances should a room or building be entered by anyone within two hours of the actual fogging. If the building must be entered, then the individuals entering the building must wear a self-contained respirator approved by NIOSH/MSHA, goggles, long sleeves and long pants.

#### **FOGGING IS TO BE USED AS AN ADJUNCT TO ACCEPTABLE MANUAL CLEANING AND DISINFECTING OF ROOM AND MACHINE SURFACES.**

##### **Farm Premise Use:**

Do not use in milking stalls, milking parlors or milk houses. Remove all animals and feed from premises, vehicles and enclosures. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other facilities and fixtures occupied or transversed by animals. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate all surfaces with a use solution of 1/2 ounce of MAQUAT 615-LR per gallon of water (or equivalent dilution) for a period of 10 minutes. Immerse all halters, ropes and other types of equipment used in handling and restraining animals as well as forks, shovels and scrapers used in removing litter and manure. Ventilate buildings, cars, trucks, boats and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, managers, troughs, automatic feeders, fountains and waterers with soap or detergent and rinse with potable water before reuse.

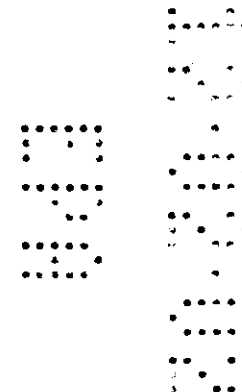
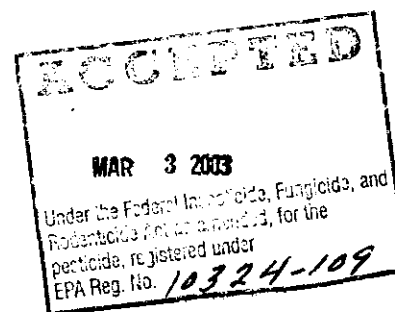
**Veterinary Practice/Animal Care Animal Laboratory/Zoos/Pet Shop/Kennels Disinfection Directions:** For cleaning and disinfecting the following hard non-porous surfaces: equipment not used for animal food or water, utensils, instruments, cages, kennels, stables, catteries, etc. Remove all animals and feed from premises, animal transportation vehicles, crates, etc. Remove all litter, droppings and manure from

floors, walls and surfaces occupied or transversed by animals. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with a use solution of 1/2 ounce of MAQUAT 615-LR per gallon of water (or equivalent dilution) for a period of 10 minutes. Ventilate buildings and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried.

#### **Ultrasonic Bath Disinfectant Directions:**

Use MAQUAT 615-LR to disinfectant hard non-porous non-critical objects compatible with Ultrasonic cleaning units.

Pour fresh solution at 1/2 ounce of MAQUAT 615-LR per gallon of water (1:256) directly into bath chamber. Pre-clean heavily soiled objects. Place objects into unit and operate for a minimum of 10 minutes, according to the manufacture's directions. Remove objects and wash with sterile water (sterile water for injection) or allow to air dry. Prepare fresh solution for each use.



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**2 OUNCE PACKET LABEL TO BE USED WITH MASTER CONTAINER LABEL**

**FOR DISINFECTION**  
MIX EACH PACKET WITH 4 GALLONS OF WATER

**MAQUAT® 615-LR**

E.P.A. Reg. No. 10324-108 E.P.A. Est. No. 10324-IL-1

NET CONTENTS: 2 FLUID OZ.

**ACTIVE INGREDIENTS:**

Octyl Decyl Dimethyl Ammonium Chloride .....	6.510%
Didecyl Dimethyl Ammonium Chloride .....	3.255%
Dioctyl Dimethyl Ammonium Chloride .....	3.255%
Alkyl (C <sub>14</sub> , 50%; C <sub>12</sub> , 40%; C <sub>16</sub> , 10%) dimethyl benzyl ammonium chloride .....	8.680%
<b>INERT INGREDIENTS:</b> .....	<u>78.300%</u>
<b>TOTAL</b> .....	100.000%

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

SEE OUTER CONTAINER FOR PRECAUTIONARY STATEMENTS AND USE DIRECTIONS

DISPOSAL: Do not reuse container. Wrap and put in trash collection.

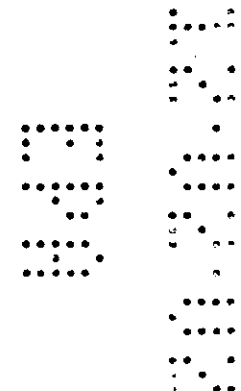
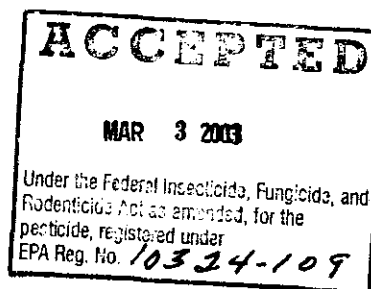
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