

Label - Center Panel

STAR QS

Disinfectant-Sanitizer-Fungicide Deodorizer for Hospital, Institutional,  
Industrial, School, Dairy and Other Farm Use

KEEP OUT OF REACH OF CHILDREN

DANGER

CORROSIVE. CAUSES EYE DAMAGE AND SKIN IRRITATION. HARMFUL IF SWALLOWED.  
See side panel for additional precautionary statement.

Active Ingredients:

Didecyl dimethyl ammonium chloride . . . . . 7.5 %

Inert Ingredients: . . . . . 92.5 %

100.0 %

NET CONTENTS: GALLONS

Manufactured by  
Thatcher Chemical Company  
Salt Lake City, Utah 84104

Distributed by  
Five Star Corporation  
Salt Lake City, Utah 84104

Size of center panel: 5" x 5 3/4"  
Area of center panel: 28 3/4 square inches  
Type size: DANGER = 14 point minimum  
KEEP OUT OF REACH OF CHILDREN = 10 point minimum

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

SEP 27 1982

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

9768-43

BEST DOCUMENT AVAILABLE

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PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

DANGER: Keep out of reach of children. Corrosive. Causes eye damage and skin irritation. Do not get in eyes, on skin, or on clothing. Protect eyes and skin when handling. Harmful if swallowed. Avoid contamination of food.

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.

DIRECTIONS FOR USE

General Classification

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

Apply STAR QS with a cloth, mop or mechanical spray device. When applied with a mechanical spray device, surface must be sprayed until thoroughly wetted. Treated surfaces must remain wet for 10 minutes. Fresh solution should be prepared daily or when the use solution becomes visibly dirty.

Disinfection in Hospitals, Nursing Homes and Other Health Care Institutions

For disinfecting floors, walls, countertops, bathing areas, lavatories, bedframes, tables, chairs, garbage pails and other hard surfaces.

Add  $3\frac{1}{2}$  oz. STAR QS to 4 gallons water. Apply to previously cleaned hard surfact with mop or cloth.

At this use-level, STAR QS is effective against *Pseudomonas aeruginosa*.

Disinfectant in Institutions, Industry and Schools

For disinfecting floors, walls, bedframes, countertops, tables, chairs, garbage pails, bathroom fixtures and other hard surfaces.

Add 2 oz. of STAR QS to 4 gallons of water. Apply to previously cleaned hard surface with mop or cloth.

At 2oz./4 gallon use-level STAR QS is effective against *Staphylococcus aureus*, *Salmonella choleraesuis* and *Trichophyton interdigitale* (the athlete's foot fungus).

Disinfection of Barber Tools

Precleaned barber tools (such as combs, brushes, razors, and scissors) can be disinfected by immersing in a  $\frac{1}{2}$  oz./gallon solution of STAR QS.

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### Disinfection of Poultry Equipment, Animal Quarters and Kennels

Poultry brooders, watering founts, feeding equipment and other animal quarters (such as stalls and kennel areas) can be disinfected after thorough cleaning by applying a solution of 2 oz. STAR QS in 4 gallons of water with a mop, cloth or brush. Small utensils should be immersed in this solution.

Prior to disinfection, all poultry, other animals and their feeds must be removed from the premises. This includes emptying all troughs, racks and other feeding and watering appliances. Remove all litter and droppings from floors, walls and other surfaces occupied or traversed by poultry or other animals.

After disinfection, ventilate buildings, coops and other closed spaces. Do not house poultry, or other animals, or employ equipment until treatment has been absorbed, set or dried.

All treated equipment that will contact feed or drinking water must be rinsed with potable water before reuse.

### Sanitizing of Food Processing Equipment and other Hard Surfaces in Food Contact Locations

For sanitizing food processing equipment, dairy equipment, food utensils, dishes, silverware, glasses, sink tops, countertops, refrigerated storage and display equipment and other hard surfaces. No potable water rinse is required.

Wash and rinse all articles thoroughly, then apply a solution of 1 oz. STAR QS in 4 gallons of water. (150 ppm active). Surfaces should remain wet for at least one minute followed by adequate draining and air drying. Fresh solution should be prepared daily or when use solution becomes visibly dirty. For mechanical application, use solution may not be reused for sanitizing applications.

Apply to sink tops, countertops, refrigerated storage and display equipment and other stationary hard surfaces by cloth or brush. No potable water rinse is required.

Dishes, silverware, glasses, cooking utensils and other similar size food processing equipment can be sanitized by immersion in a 1 oz./4 gallon dilution of STAR QS. No potable water rinse is required.

At 1 oz./4 gallons, STAR QS fulfills the criteria of appendix F of the Grade "A" Pasteurized Milk Ordinances 1978 Recommendations of the U.S. Public Health Services in waters up to 1000 ppm of hardness calculated as  $\text{CaCO}_3$  when evaluated by the AOAC Germicidal and Detergent Sanitizer Method against *Escherichia coli* and *Staphylococcus aureus*.

The udders, flanks, and teats of dairy cows can be sanitized by washing with a solution of 1 oz. STAR QS in 4 gallons of warm water. No potable water rinse is required.

Use a fresh towel for each cow. Avoid contamination of sanitizing solution by dirt and soil. Do not dip used towel back into sanitizing solution. When solution becomes visibly dirty, discard and provide fresh solution.

BEST DISINFECTANT

(Continued)

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 applicable Federal, State or local procedures.

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.

EPA Registration No: 9768- 46764

EPA Est. No: 9768-UT-1

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Type size: STORAGE AND DISPOSAL = 10 points, minimum

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with COMMENTS  
In EPA Letter Dated:

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