

5389-9

3-30-2004

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KAY QUATERNARY SANITIZER

Quaternary sanitizer for shake machines, soft serve machines, kitchen utensils and other food contact surfaces
[packet and outer carton]

Active Ingredients:

n-Alkyl (60% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈) dimethyl benzyl ammonium chloride.....3.34%
n-Alkyl (68% C₁₂, 32% C₁₄) ethylbenzyl ammonium chloride.....3.34%

Inert Ingredients.....93.32%

Total.....100.00%

[Ingredient Statements will be included on packet and outer carton]

KEEP OUT OF REACH OF CHILDREN [packet and outer carton]

WARNING [packet and outer carton]

(For Inner Label Only): See Outer Carton for Additional Precautionary Statements and Directions for Use

(For Outer Label Only): See Side Panel for Additional Precautionary Statements

NET WEIGHT: _____

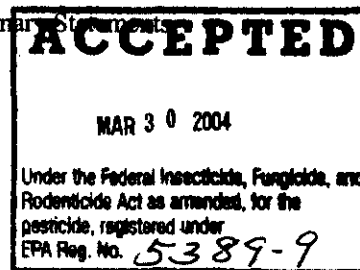
Kay Chemical Company
Greensboro, NC 27409, USA

EPA REG. NO. 5389-9

EPA EST. NO.: 5389-NC-1 (G), 58046-TX-1 (D), 58046-TX-2 (S)

Superscript refers to last letter of date code.

[Registration and establishment info will be on packet and outer carton]



(Note: The following is considered optional marketing language)

Use KAY QUATERNARY SANITIZER in restaurants, bars, cafeterias, institutional kitchens, eating establishments, schools, dairies, food preparation and storage areas, and convenience stores where sanitization of food contact surfaces is of prime importance.

[Marketing language will be on outer carton]

DIRECTIONS FOR USE [All directions for use will be on outer carton]

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

SHAKE AND SOFT SERVE MACHINES

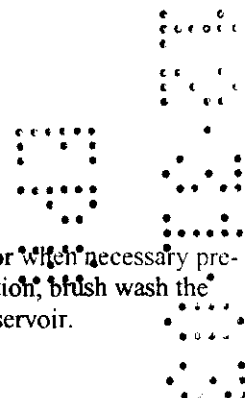
Closing Procedure

1. Remove mix from machine.
2. Flush system with lukewarm water until it runs clear.
3. Completely disassemble all removable parts which contact the mix and brush wash or when necessary pre-soak in a good detergent by immersion in a clean sink. With a similar cleaning solution, brush wash the stationary portions of the machine including freeze chambers, feed tubes and mix reservoir.

Proposed Labeling (sent to EPA to address deficiencies noted in 9-4-03 letter)

Proposed text is in red type.

Text in brackets is not included on actual label.



4. Thoroughly rinse all disassembled and stationary parts with potable water.
5. If sanitizing is required at this point, prepare a solution of KAY QUATERNARY SANITIZER (200 ppm active quat) in lukewarm water (at least 75°F) following the dilution table. Sanitize all parts which can be immersed for 1 – 2 minutes. Use a cloth to sanitize those parts which can not be immersed such that the surfaces remain wet for 1 – 2 minutes. Drain and place parts on a clean surface to air dry. DO NOT RINSE. Prepare fresh solution at least daily, or more often when the solution becomes diluted or visibly soiled.

Opening Procedure

Just before start-up, sanitize assembled machine with one packet of KAY QUATERNARY SANITIZER dissolved in 2-1/2 gallons (or equivalent dilution) of lukewarm water (200 ppm active quat). Run machine for 1 – 2 minutes, making certain all surfaces are contacted by sanitizing solution. Drain thoroughly. DO NOT RINSE.

For mechanical operations, the prepared solution may not be reused for sanitizing but may be reused for other purposes such as cleaning.

Refer to local food codes for possible variations in procedure.

KITCHEN UTENSILS AND EQUIPMENT

1. Remove gross food particles and soil by a preflush, or pre-scrape and when necessary, pre-soak treatment. Then wash with a suitable detergent.
2. Rinse thoroughly with potable water.
3. Prepare a sanitizing solution of KAY QUATERNARY SANITIZER (200 ppm active quat) in lukewarm water (at least 75°F) according to dilution table.
4. To sanitize items such as drinking glasses, eating utensils, etc. immerse in the sanitizing solution for at least 60 seconds making sure to immerse completely. Remove and let air dry. DO NOT RINSE.
5. To sanitize hard non-porous surfaces such as high chairs, tables, and counter tops. Flood the surface with the sanitizing solution or apply with a cloth or sponge, making sure to completely wet all surfaces for at least 60 seconds. Let air dry. Follow local health ordinances.

NOTE: Prepare fresh solution at least daily, or more often when the solution becomes diluted or visibly soiled.

Store clean wiping cloths in a use-solution of KAY QUATERNARY SANITIZER to keep them in a sanitary condition between uses.

DILUTION TABLE		
No. of Packets	Amt. Of Water	Active Quaternary ppm
1	2 ½ gal./9.5L	200
2	5 gal./19 L	200
4	10 gal./38 L	200

1 packet + 2 ½ gals. of water = 200 ppm active quat

KAY QUATERNARY SANITIZER is an effective sanitizer when diluted in water up to 700 ppm hardness (CaCO₃).

[Dilution table will be on packet and outer carton]

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

WARNING: Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear protective eyewear (goggles or safety glasses). Harmful if swallowed or absorbed through the skin. Avoid contact with skin. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

[Precautionary statements will be on outer carton]

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FIRST AID

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 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 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.

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

Medical Emergency: (800) 304 – 0824 or call collect 0 (303) 592 – 1709.

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

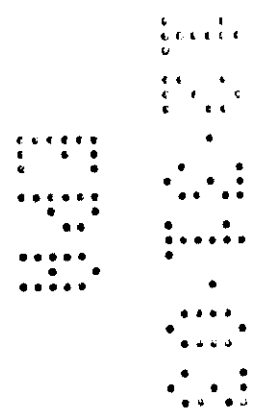
[First aid statements will be on packet and outer carton]

PHYSICAL AND CHEMICAL HAZARDS: Do not mix with soap, detergent, or other chemicals.

STORAGE AND DISPOSAL

Place empty packets in trash container.

[Physical and chemical hazards and storage and disposal will be on outer carton]



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