

47371-46

12-12-2002

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DEC 12 2002

Ms. Ana Rodriguez-Koster, Agent for Lonza
 Lewis and Harrison
 122 C Street, N.W., Suite 740
 Washington, D.C. 20001

SUBJECT: SAK-64L Cleaner
 EPA Registration Number: 47371-46
 Application Dated: June 19, 2002
 Receipt Date: June 20, 2002

Dear Ms. Ana Rodriguez-Koster:

The following amendment, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable with the conditions listed below:

- add public health pests
- addition of new sites to label
- update of label language

Acceptable Data

The efficacy testing supports the label claims that the product, when diluted 1:64, is effective as a disinfectant and one-step cleaner on hard, non-porous surfaces in 5% soil for a contact time of 10 minutes against:

Data Requirement	Means of Support	Status
<i>Salmonella choleraesuis</i> ATCC 15442	Submitted study, MRID 457034-01	Acceptable @ 1:64 w/ soil in 10 minutes
<i>Staphylococcus aureus</i> ATCC 6538	Submitted study, MRID 457034-01	Acceptable @ 1:64 w/ soil in 10 minutes

CONCURRENCES

SYMBOL	SURNAME	DATE						
7510C	J. L. L.	12/12/02						

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Conditions

Revise the label as follows:

1. Make the following revisions to page two:

A. Revise the statement in the second section in the left column to read:
“*disinfects, cleans and deodorizes in one labor saving step.*”

B. Revise the following sites in the right column to read: “*exterior surfaces of microwave ovens (microwaves)*” and ““*exterior surfaces of refrigerators.*”

2. Make the following revisions to page three:

A. Revise the directions for use in Bathrooms to begin as follows such that your label includes specific directions for urinals. “Great for cleaning and deodorizing basins, tubs, *tiles and urinals.* Leaves everything...”

B. Revise to state: “This product is not for use to *disinfect* or clean eating utensils, glassware and dishes.”

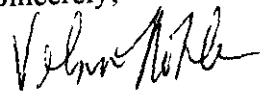
General Comments

A stamped copy of the accepted labeling is enclosed. Submit one (1) copy of your final printed labeling before distributing or selling the product bearing the revised labeling.

Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) and section 4(a) when the Agency requires all registrants of similar products to submit such data.

If the above 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 bearing the amended labeling constitutes acceptance of these conditions. Should you have any questions concerning this letter, please contact Tracy Lantz at (703) 308-6415.

Sincerely,



Velma Noble
Product Manager (31)
Regulatory Management Branch I
Antimicrobials Division (7510C)

Enclosure: Stamped Label

7510C-T.Lantz:12/5/02-47371-46c

CONCURRENCES

ABOL								
NAME								
TE								

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive. Causes irreversible eye damage and skin irritation. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Wear protective eyewear (goggles, face shield or safety glasses). Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

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.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 minutes.

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 the poison control center or doctor. Do not give anything by mouth to an unconscious person.

Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment.

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

(Note to reviewer: If the container size is 5 gallons or larger, use the following Environmental Hazards Statements.)

ENVIRONMENTAL HAZARDS

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 guidance, contact your State Water Board or Regional Office of the EPA.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

DEC 10 2002

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 47371-46

SAK-64L CLEANER
EPA REG. NO. 47371-46
EPA LABEL AMENDMENT 6/12/02

SAK-64L CLEANER

(ONE-STEP) DISINFECTANT

CLEANER AND DEODORANT

Effective against *Salmonella choleraesuis*
(*Salmonella*) and *Staphylococcus aureus* (Staph)

Active Ingredient:

n-Alkyl (C₁₄, 50%; C₁₂, 40%; C₁₆, 10%)
dimethyl benzyl ammonium chloride 2.84%
Inert Ingredients: 97.16%
Total 100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

See (side) (back) (right) (left) panel for Precautionary
Statements and First Aid.

EPA Reg. No. 47371-46

EPA Est. No. (as indicated on the container)

NET CONTENTS (as indicated on the container)

H&S Chemicals Division
c/o Lonza Inc.
17-17 Route 208
Fair Lawn, NJ 07410

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(Note to reviewer: The following is optional marketing language:)

- Concentrate (Concentrated)
- Disinfects (Disinfectant)
- Cleans (Cleaner)
- Deodorizes (Deodorant)
- This product contains no (phosphates or) phosphorous (compounds).
- Cuts grease and grime

SAK 64L:

- Is effective against (odor-causing) bacteria on hard, nonporous, environmental surfaces.
- Prevents mold and mildew (and the odors they cause).
- will disinfect, clean and deodorize surfaces in rest rooms and toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas, and other places where bacterial growth can cause malodors.
- will not leave grit or soap scum.
- cleans, disinfects and deodorizes in one labor saving step.

Effective against *Salmonella choleraesuis* (*Salmonella*) and *Staphylococcus aureus* (*Staph*)

Use with a mop and bucket, trigger sprayers, sponge or by soaking.

Use in the kitchen, bathroom and other household areas.

AREAS OF USE:

For use in the
Home(s) (households),
Colleges
Day care (facilities) (centers)
Federally inspected meat and poultry plants.
Nurseries
Office buildings
Schools

Bathrooms
Kitchens
Shower and bath areas

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Use **SAK-64L** on washable hard, nonporous surfaces of:

Appliances
Basins
Bathroom fixtures
Bathtubs
Cabinets
Chairs
Countertops (counters)
Desks
Doorknobs
Floors
Garbage cans
Handles
Highchairs
Microwave ovens (microwaves)
Outdoor furniture
Refrigerators
Showers
Shower doors
Shower stalls
Sinks (bathroom, kitchen)
Stoves (stovetops)
Tables
Telephones
Toilets
Toilet bowls
Toilet bowl surfaces
Tubs
Tiles, glazed
Urinals
Walls

Other hard nonporous surfaces made of:

Chrome
Fiberglass
Formica®
Glazed ceramic
Glazed enameled surfaces
Glazed porcelain
Metal
Plastic (such as polystyrene or polypropylene)
Sealed stone
Stainless steel
Upholstery, vinyl and plastic
Woodwork, finished

- Big job(s) size
- dilutable
- fresh scent
- sunny citrus scent
- fresh lemon scent
- lemon power®
- citrus fresh scent
- clean citrus scent
- not just clean, microscopically clean
- cuts grease
- cleans & shines
- kills (odor-causing) bacteria (for the entire house).

With all the news about bacteria, just looking clean isn't enough. SAK-64L Cleaner does it all - cleans, shines, disinfects, and deodorizes - for a complete clean.

Unlike ordinary cleaners and disinfectants, this advanced cleaner not only wipes out tough grease and grime; [plus] it kills (odor-causing) bacteria all around the house. There's nothing left behind but a brilliant, streak-free shine, plus a light fresh scent.

SAK-64L Cleaner brings a combination of powerful cleaners plus antibacterial disinfectants, so you can be sure your home is completely clean.

With this product, you can be sure your home doesn't just look clean, it's microscopically clean.

Cleans, deodorizes and disinfects with a streak-free shine and a light fresh scent.

Ideal for big jobs like tile or no-wax floors, pet areas, garbage cans, sinks, tubs, showers, countertops and appliances.

On finished wood or painted surfaces, spot test in a small inconspicuous area first.

(Note to reviewer: The following statement can be used when applicable.)

Bottle made of 25% Post-Consumer recycled plastic.

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SAK-64L under EPA Reg. No. 47371-46

SAK-64L CLEANER
EPA REG. NO. 47371-46
EPA LABEL AMENDMENT 6/12/02

DILUTION: 1:64 2 oz. (1/4 cup) per gallon of water

DIRECTIONS FOR USE

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

FOR DISINFECTING and DEODORIZING: Apply use- solution with a cloth, mop, coarse trigger sprayer or coarse (mechanical) spray device so as to thoroughly wet surfaces for a contact time of 10 minutes. For heavily soiled areas, a preliminary cleaning is required. Wipe or allow to air dry. Food contact surfaces must be thoroughly rinsed with potable water after disinfecting. Do not use this product to clean utensils, glassware and dishes. Prepare a fresh solution daily or more often if the use- solution becomes visibly dirty or diluted.

KITCHENS: Kitchen floors collect traffic dirt. Use 1/4 cup per gallon of water, or full strength anywhere greasy dirt is a problem. Follow Disinfecting directions.

BATHROOMS: Great for cleaning and deodorizing basins, tubs and tiles. Leaves everything bright and clean. Kills odor-causing household bacteria. Odors disappear instantly. Use 1/4 cup per gallon of water, or full strength where odors are a problem. Follow Disinfecting directions.

TO CLEAN AND DISINFECT TOILET BOWLS: Remove or expel over the inner trap the residual bowl water prior to applying solution. Remove heavy soil prior to disinfection. Use 3 ounces of concentrate in toilet bowl. Apply (squeeze) around bowl and under rim. Brush thoroughly over exposed surfaces and under rim with a cloth, mop, brush or sponge. Allow to stand for 10 minutes, then flush. When used as directed, this product will not harm white or colored bowls or inanimate, hard surfaces. Close cap on container after use.

FOR CLEAN, FRESH, HYGIENIC LAUNDRY / DIAPERS: For extra cleaning power plus deodorizing action, add 1/2 cup to regular soap or detergent. Make laundry fresh and odor free; especially good for grimy work clothes. For stubborn stains and soots, pre-dampen with full strength before adding to wash load. To kill odor-causing bacteria in diapers, presoak in 1/2 cup per gallon of water.

MILDEWSTATIC INSTRUCTIONS: Will effectively inhibit the growth mold and mildew plus the odors caused by them when applied to hard, nonporous surfaces such as walls, floors and table tops. Apply solution of ¼ cup to 1 gallon of water with a mop, cloth or sponge, making sure to wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application weekly or when growth reappears.

FOR USE IN FEDERALLY INSPECTED MEAT AND POULTRY PLANTS as a general cleaning agent on all surfaces and in all departments. Before use of this compound, food products and packaging materials must be removed from the room or carefully protected. After use of this compound, all surfaces in the area must be thoroughly rinsed with potable water.

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(Note to reviewer: If the container size is one gallon or less, the following Storage and Disposal Statements will be used:)

STORAGE AND DISPOSAL

Store in original container in areas inaccessible to children. Do not reuse empty container. Discard in trash or recycle.

(Note to reviewer: If the container size is greater than one gallon, the following Storage and Disposal Statements will be used:)

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE

Store in original container in areas inaccessible to children. Do not store on side. Avoid creasing or impacting of side walls.

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 instruction, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

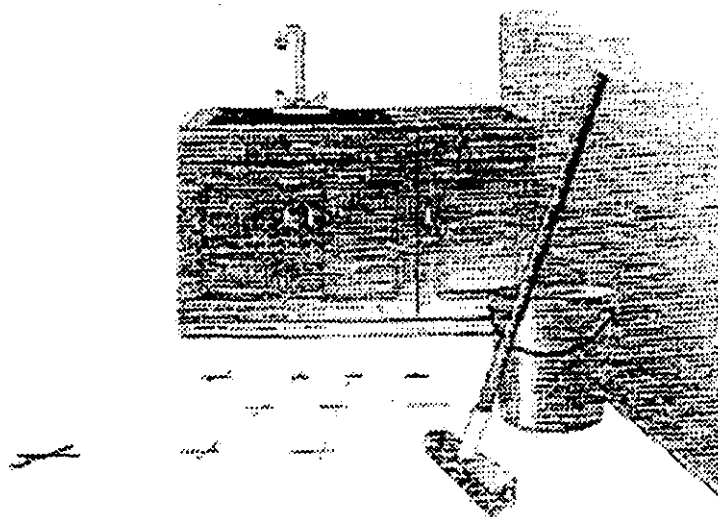
CONTAINER DISPOSAL

(PLASTIC CONTAINERS:) Triple rinse (or equivalent), then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

(FIBER DRUMS WITH LINERS:) Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by State and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner

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

GENERAL: Consult Federal, state or local authorities for approved alternative procedures such as limited open burning.



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