

47371-46

9/3/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

SEP -3 2009

Ms. Joanna Holcombe  
H&S Chemicals Division  
c/o Lonza, Inc.  
90 Boroline Road  
Allendale, NJ 07401

Subject: **SAK-64L Cleaner**  
EPA Registration Number 47371-46  
Application Dated June 9, 2009  
EPA Received Date June 10, 2009

Dear Ms. Holcombe:

The following label revisions submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable with the following comments.

**Proposed Amendment:**

- Update Storage and Disposal

**Label Comments:**

1) The "Storage and Disposal" Statement for commercial/industrial/institutional uses must read:

**Storage and Disposal**

**Pesticide Storage:** Label language acceptable

**Pesticide Disposal:** Label Language acceptable

**Container Disposal:** Nonrefillable container. Do not reuse or refill container. Clean container promptly after emptying.

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

*(Containers 5 gallons or less [please note statements same for plastic and metal containers])*

Triple rinse as follows: Fill container ¼ full with water and recap. Agitate vigorously. Follow Pesticide Disposal instructions for rinsate disposal. Drain for 10 seconds after the flow begins to drip. Repeat procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

*(Container greater than 5 gallons [please note statements same for plastic and metal containers])*

Triple rinse as follows: Fill container ¼ full with water. Tip container on its side and roll it back and forth, ensuring at least one complete revolution for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into the application equipment or mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

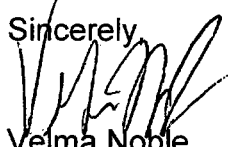
**(For Bag in Box Containers):** Proposed language acceptable.

- 2) Revise the first statement under the Environmental Hazards to be in agreement with the DDAC RED by stating "This pesticide is toxic to fish, aquatic invertebrates.

**General Comments:**

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

Should you have any questions or comments concerning this letter, please contact Drusilla Copeland at (703) 308-6224.

Sincerely,  


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

Enclosure: stamped label

3087

**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:**

**SEP 3 - 2009**

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

**SAK-64L CLEANER**

(ONE-STEP) DISINFECTANT

CLEANER AND DEODORANT

Effective against Salmonella enterica (Salmonella) and Staphylococcus aureus (Staph)

Active Ingredient:

n-Alkyl (C<sub>14</sub>, 50%; C<sub>12</sub>, 40%; C<sub>16</sub>, 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)*

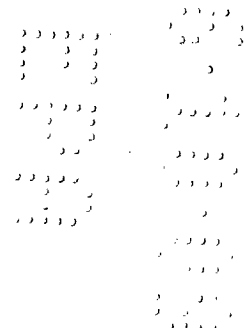
NET CONTENTS *(as indicated on the container)*

[Country of origin (insert country)]

[Manufactured in (insert country)]

[Barcode]

H&S Chemicals Division  
c/o Lonza Inc.  
90 Boroline Road  
Allendale, NJ, 07401



(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.
- Disinfects, cleans and deodorizes in one labor saving step.

Effective against Salmonella enterica (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

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
- Exterior Surfaces of Microwave ovens (microwaves)
- Outdoor furniture
- Exterior Surfaces of 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.

**DILUTION: 1:64 2 oz. (¼ 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 disinfect or 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 ¼ 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 ¼ cup per gallon of water, or full strength where odors are a problem. Follow Disinfecting directions.

**TO CLEAN AND DISINFECTANT TOILET BOWLS (AND URINALS):** 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 (or urinal). 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 ½ cup to regular soap or detergent. Make laundry fresh and odor free; especially good for grimy work clothes. For stubborn stains and spots, pre-dampen with full strength before adding to wash load. To kill odor-causing bacteria in diapers, presoak in ½ 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 1/4 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.

*(Note to reviewer: For Nonrefillable Containers, Container is one gallon or less, Label has Household and Residential Uses)*

**STORAGE AND DISPOSAL**

Store in original container in areas inaccessible to children.

Nonrefillable container. Do not reuse or refill this container. Wrap [container] and put in trash or offer for recycling if available.

(or)

Nonrefillable container. Do not reuse or refill this container. Wrap [container] and put in trash or offer for reconditioning if appropriate.

*(Note to reviewer: For Nonrefillable Containers, Container is one gallon or less, Label has any uses other than Household or Residential)*

**STORAGE AND DISPOSAL**

Store in original container in areas inaccessible to children.

Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Fill container 1/4 full with water and reclose the container. Agitate vigorously and dispose of rinsate. Repeat two more times. Wrap [container] and put in trash or offer for recycling if available.

(or)

Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Fill container 1/4 full with

water and reclose the container. Agitate vigorously and dispose of rinsate. Repeat two more times. Wrap [container] and put in trash or offer for reconditioning if appropriate.

*(Note to reviewer: For Nonrefillable Containers, Container is over one gallon)*

**STORAGE AND DISPOSAL**

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

**Pesticide Storage:**

Open dumping is prohibited. Store in original container in areas inaccessible to children.

**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:**

Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying.

*(Plastic Containers:)* Triple rinse as follows: Fill container 1/4 full with water and reclose the container. Agitate vigorously, and dispose of rinsate consistent with pesticide disposal instructions.

Repeat two more times. Then offer for recycling if available or puncture and dispose in sanitary landfill or by other procedures approved by state and local authorities. Follow pesticide disposal instructions for rinsate. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state, and federal regulations.

*(Metal Containers:)* Triple rinse as follows: Fill container 1/4 full with water and reclose the container. Agitate vigorously, and dispose of rinsate consistent with pesticide disposal instructions.

Repeat two more times. Then offer for recycling if available or puncture and dispose in sanitary landfill or by other procedures approved by state and local authorities. Follow pesticide disposal instructions for rinsate. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state, and federal regulations.

DO NOT cut or weld metal containers.

*(For Bag in Box Containers:)* Completely empty bag into application equipment. Then offer for recycling if available or dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

