

5389-13

12/10/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460



Office of Pesticide Programs

Rhonda Schulz
Ecolab Inc.
370 Wabasha Street N
St. Paul, MN 55102

Subject: Kay Chemical Company
Spirit Liquid Disinfectant Cleanser
EPA Registration No. 5389-13
Application Dated: August 3, 2009
Receipt Dated: August 11, 2009

Dear Ms. Schulz:

The following amendment submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is accepted with conditions.

Conditions:

1. Revise the Ingredient Statement as follows:

Active Ingredient:	
Calcium Hypochlorite	0.65%
Other Ingredients	<u>99.35%</u>
Total	100.00%

Delete the references to cleaning and polishing agents and perfumes.

2. Revise the heading "Other Surfaces" to read "Other Hard Non-Porous Surfaces."

3. This product must be labeled with an expiration date "Not for sale or use after [insert date 6-months after formulation]."

4. Revise the Precautionary language as follows:

CAUTION: Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing before reuse.

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General Comments

A stamped copy of the labeling accepted with conditions is enclosed. Submit one 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 call Wanda Henson at (703) 308-6345.

Sincerely,



Wanda Y. Henson
Acting Product Manager - Team 32
Regulatory Management Branch II
Antimicrobials Division (7510C)

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SPIRIT™ Liquid Disinfectant Cleanser

Mild Abrasives for Gentle, Effective Cleaning and Chlorine Bleach For Disinfecting and Stain Removal

Active Ingredient:

Calcium Hypochlorite.....0.65%

Inert Ingredients*99.35%

TOTAL:100.00%

*Cleaning and polishing agents and perfume

KEEP OUT OF REACH OF CHILDREN

CAUTION: Can cause eye irritation.

(For Inner Label): See back panel for additional precautions and first aid.

(For Outer Label): See side panel for additional precautions and first aid.

**ACCEPTED
with COMMENTS
in EPA Letter Dated:**

DEC 10 2009

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

5389-13

NET WEIGHT: _____

Kay Chemical Company
Greensboro, NC 27409, USA

EPA REG. NO. 5389-13 EPA EST. NO. 5389-NC-1

FOR INSTITUTIONAL USE ONLY FOR COMMERCIAL USE

SPIRIT Liquid Disinfectant Cleanser contains mild abrasives for effective cleaning and chlorine bleach for disinfecting *hard, non-por* surfaces and removing stains. Use SPIRIT for cleaning and disinfecting sinks, chrome, ceramic tiles, stainless steel, toilet bowls, urinals and other hard-to-clean surfaces.

SPIRIT Liquid Disinfectant Cleanser is effective against *Staphylococcus aureus* (ATCC 6538) and *Salmonella enterica* (ATCC 10708).

DIRECTIONS

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

SHAKE BEFORE USING/CLOSE CAP AFTER USING/KEEP FROM FREEZING

CLEANING

1. Apply to surface directly, or with a damp cloth or sponge.
2. Rub surface thoroughly
3. Rinse with water.

NOTE: May scratch fiberglass, plastic and other soft surfaces. Test first and rub gently.

DISINFECTING TOILETS AND URINALS

1. Flush first to remove any loose soil and residual water.
2. Apply SPIRIT to bowl surface, under and around rim of bowl. Spread with toilet bowl brush to cover entire surface.
3. Let stand for 10 minutes and flush. (Use a wet cloth, sponge or spray to rinse surfaces that cannot be flushed.)

OTHER SURFACES - HARD, NON POROUS SURFACES

1. Rinse or wipe off loose soil.
2. Apply SPIRIT to surface directly or with damp cloth or sponge, covering surface thoroughly.
3. Let stand for 10 minutes and rinse.

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

CAUTION: Can cause eye irritation. Do not get in eyes. Harmful if swallowed. Avoid contamination of food.

Do not mix with other products. Use with adequate ventilation. Avoid contact with fabrics that are not bleach safe.

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 with plenty of water for 15 – 20 minutes. Call a poison control center 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 by going for treatment.

For medical emergency information call (800) 304 – 0824 or call collect 0 (303) 592 – 1709.

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

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Keep container closed when not in use. Store in cool, dry area.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL:

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Offer for recycling, if available, or discard in trash.