

836-108

3-31-2003

1/5



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

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

MAR 31 2003

Robert Sloan
Sr. Regulatory Services Associate
Lonza Inc.
17 -17 Route 208
Fair Lawn, NJ 07410

Subject: Lonza Carpet Sanitizer CS-202
EPA Registration No. 6836 -108
Amendment Dated: January 10, 2003
EPA Received Date: January 14, 2003

Dear Mr. Robert Sloan,

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 following condition.

Proposed Amendment

- Additional Household Use Directions
- Revise First Aid Instructions per PR Notice
- Add minor additional areas for use
- Add Storage and Disposal section for containers of 1 gallon or less

Condition

1. Based on the fact that this product is for use in homes and day care centers, which are classified as residential use according to 40 CFR part 157.21(e) and that this product is Toxicity Category I for Primary Eye and Primary Skin, Child Resistant Packaging is required as per 40 CFR parts 157.20 through 157.36.

Submit the required certification as per 40 CFR part 157.34 within 60 days of the date of this letter.

CONCURRENCES

SYMBOL	7510(c)						
SURNAME	APeters						
DATE	3/28/03						

Comments

A stamped label is enclosed for your records. Please submit three (3) copies of your final printed label before distributing or selling the product bearing the revised labeling. If the above condition is not compiled with, the registration will be subject to cancellation in accordance with FIFRA section (e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of this condition.

Should you have any questions or comments concerning this letter, please contact Velma Noble at (703) 308-6233.

Sincerely,



Velma Noble
Product Manager (31)
Regulatory Management Branch1
Antimicrobial Division (7510c)

3/5

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin, or on clothing. Wear protective eyewear (goggles, face shield or safety glasses) and protective gloves when handling. Harmful or fatal if swallowed or absorbed through skin. Avoid contamination of food. 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 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 a poison control center or doctor. Do not give anything by mouth to an unconscious person.

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

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

(Note to reviewer: If the container is 5 gallons or greater, the following statements will be used:)

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.

**LONZA CARPET SANITIZER
CS-202**

**CARPET SANITIZING CONCENTRATE
FOR EXTRACTION OR SPIN BONNET CLEANING
SANITIZING-DEODORIZING CLEANER
CARPET EXTRACTION / BONNET CONCENTRATE
EFFECTIVE AS A SANITIZING AGENT AGAINST
ODOR CAUSING BACTERIA
FOR HOME, HOSPITAL, INSTITUTIONAL AND
INDUSTRIAL USE**

Active Ingredients:

Octyl decyl dimethyl ammonium chloride.....	0.60%
Dioctyl dimethyl ammonium chloride	0.24%
Didecyl dimethyl ammonium chloride	0.36%
Alkyl (C ₁₄ , 50%; C ₁₂ , 40%; C ₁₀ , 10%) dimethyl benzyl ammonium chloride.....	0.80%
Other Ingredients	98.00%
Total	100.00%

KEEP OUT OF REACH OF CHILDREN

DANGER

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

EPA Reg. No. 6836-108
EPA Est. 6836-IL-1
Net Contents (as per container size)

Manufactured by:
LONZA INC., 17-17 Route 208, Fair Lawn, NJ 07410

ACCEPTED
with COMMENTS
in EPA Letter Dated:

MAR 31 2003

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 6836-108

4/5

LONZA CARPET SANITIZER CS-202:

- should be an integral part of any carpet maintenance system. Routine application will not only clean the carpets, but sanitize and deodorize for a cleaner, longer lasting carpet.
- is a low foaming carpet shampoo.
- is formulated for use with extraction, bonnet cleaning and carpet steam cleaning equipment.
- contains "twin chain" quaternary ammonium compounds to reduce and control the growth of gram negative and gram positive odor causing bacteria.
- sanitizes by controlling the growth of odor-causing bacteria.
- is fortified with odor counteractants to neutralize unpleasant malodors. Recommended for use on wet cleanable synthetic fibers, but not recommended for use on wool carpets.
- Optimized for use on (commercial) washable synthetic fibers, but not recommended for use on wool carpets.
- effectively and economically lifts and removes greasy soil, resists resoiling, and utilizes "built-in" defoamers for more productive use.
- is a balanced formulation combining Lonza's true odor counteractants, a nonionic synthetic detergent, a quaternary ammonium compound, organic chelating agents and synergizing builders... for effective carpet cleaning, sanitizing and counteracting of odors when used as directed.
- leaves no residue to promote resoiling and eliminates soil redeposition (to vacuum pick-up tanks).

Use **LONZA CARPET SANITIZER CS-202** in:

- Athletic facilities
- Barber shops
- Colleges
- Day care centers
- Exercise facilities
- Homes
- Hotels
- Industrial areas
- Institutional areas
- Motels
- Nurseries
- Office buildings
- Schools
- Transportation terminals

DIRECTIONS FOR USE

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

TO CLEAN, SANITIZE AND DEODORIZE CARPETS:

STEAM EXTRACTION: Vacuum carpet thoroughly. Mix two (2) ounces of **LONZA CARPET SANITIZER CS-202** per gallon of water. Inject and extract as you would any steam cleaning shampoo.

EXTRACTION: Vacuum carpet thoroughly. Mix two (2) ounces of **LONZA CARPET SANITIZER CS-202** per gallon of water. Prespray onto the carpet at a rate of 1/3 - 1/2 gallon per 100 square feet and extract as you would other extract cleaning shampoos.

SPIN BONNET (BONNET BUFF) CLEANING: Vacuum carpet thoroughly. Mix four (4) ounces of **LONZA CARPET SANITIZER CS-202** per gallon of water. Bonnet on carpet at rate of 200 - 300 sq. ft. per gallon.

BONNET CLEANING: Vacuum carpet thoroughly. Mix four (4) ounces of **LONZA CARPET SANITIZER CS-202** per gallon of water. Spray on carpet at rate of 200 - 300 sq. ft. per gallon.

HEAVY DUTY SPIN BONNET (BONNET BUFF) CLEANING: Vacuum carpet thoroughly. Mix sixteen (16) ounces of **LONZA CARPET SANITIZER CS-202** per gallon of water. Spray on carpet at rate of 200 - 300 sq. ft. per gallon.

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

MAR 31 2003

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 6836-108

5/5

After cleaning, set carpet pile in one direction with a stiff brush (carpet pilator). Place aluminum foil under legs of furniture while carpet is drying. Over wetting can cause shrinking of carpet. Manufacturer assumes no responsibility for over wetting or misuse.

HOUSEHOLD: Vacuum carpet thoroughly. Mix two (2) ounces of **LONZA CARPET SANITIZER CS-202** per gallon of water. Spray on carpet but do not overwet. Allow to air dry. Place aluminum foil under legs of furniture while carpet is drying. Over wetting can cause shrinking of carpet. When dry, vacuum as usual.

NOTE: Test color fastness of carpet before use. Apply diluted cleaner to a small, concealed spot, and then rub with a clean, white cloth. If color transfers to the cloth or changes, a water base product should not be used.

NOTE Not recommended for use on Stain-Resistant Nylon Carpets. Consult carpet manufacturer's warranty and maintenance instructions for proper use.

(Note to reviewer: If the container size is 1 gallon or less, the following Storage and Disposal statements will be used.)

STORAGE AND DISPOSAL

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

(Note to reviewer: If the container size is greater than 1 gallon, the following Storage and Disposal statements will be used.)

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE

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

CONTAINER DISPOSAL

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

(Metal Containers:) Triple rinse (or equivalent), then offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

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

MAR 31 2003

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. **6836-108**