

47371-38

01/07/2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



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

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

JAN -7 2010

Joanna Holcombe  
Sr. Commercial Regulatory Services Associate  
Lonza Inc  
90 Boroline Road  
Allendale, NJ 07401

Subject: HS-Q Germicide Concentrate  
EPA Registration No. 47371-38  
Notification Date: December 11, 2010  
EPA Receipt Date: December 14, 2010

Dear Ms. Holcombe,

This letter acknowledges receipt of your notification, submitted under the provisions of PR Notice 98-10 and FIFRA section 3(c)9.

**Proposed Notification**

- Update "Storage and Disposal" statement per PR Notice 2007-4

Based on a review of the material submitted, your notification to update the "Storage and Disposal" statement per PR Notice 2007-4 is acceptable. A copy has been inserted in our records for future reference.


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

**CONCURRENCES**

SYMBOL							
SURNAME							
DATE							

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Sincerely,



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

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

Please read instructions on reverse before completing form. Form Approved, OMB No. 2070-0060, Approval expires 05-31-98

<p><b>EPA</b>                  United States                  Environmental Protection Agency                  Washington, DC 20460</p>	<input type="checkbox"/> Registration <input checked="" type="checkbox"/> Amendment <input type="checkbox"/> Other	OPP Identifier Number
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**Application for Pesticide - Section I**

1. Company/Product Number <b>47371-38</b>	2. EPA Product Manager <b>Velma Noble</b>	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) <b>HS-Q Germicide Concentrate</b>	PM# <b>31</b>	
5. Name and Address of Applicant (Include ZIP Code) H&S Chemicals Division c/o Lonza Inc. 90 Boroline Road Allendale, NJ 07401  <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(I), my product is similar or identical in composition and labeling to:  EPA Reg. No. Product Name

**Section - II**

<input checked="" type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below

**Explanation:** Use additional page(s) if necessary. (For Section I and Section II.)  
**Amendment to update Storage and Disposal per PR Notice 2007-4 \*Not Subject to PRIA\* Please see Cover Letter for details.**  
*This notification is consistent with the provisions of PR Notice 98-10 and 2007-4 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and may be subject to enforcement action and penalties under Sections 12 and 14 of FIFRA.*

Signature: Joanna Holcombe for                      Date: 12-11-09

**Section - III**

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No *Certification must be submitted	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes"                      No. per Unit Packaging wgt.                      container	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes"                      No. per Package wgt.                      container		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify)	
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other _____ <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled					

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application)		
Name <b>Joanna Holcombe</b>	Title <b>Sr. Commercial Regulatory Services Associate</b>	Telephone No. (include Area Code) <b>201-316-9297</b>
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received  (Stamped)
2. Signature <i>Joanna Holcombe for</i>	3. Title <b>Sr. Commercial Regulatory Services Associate</b>	
4. Typed Name <b>Joanna Holcombe</b>	5. Date <b>December 11, 2009</b>	

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Via FedEx

Ms. Velma Noble, PM-31  
Document Processing Desk (NOTIFY)  
Office of Pesticide Programs (7504P)  
US Environmental Protection Agency  
Room S-4900, One Potomac Yard  
2777 S. Crystal Drive  
Arlington, VA 22202

Lonza Inc  
Allendale  
90 Boroline Road  
Allendale, NJ 07401, USA

Joanna Holcombe  
Lonza Life Science Ingredients  
Commercial Regulatory Services  
  
Tel 201-316-9297  
Fax 201 696-3470  
Joanna.holcombe@lonza.com

December 11, 2009

**SUBJECT: HS-Q GERMICIDE CONCENTRATE**  
**EPA Registration No. 47371-38**  
**Application for Label Amendment** *Noble*

Dear Ms. Noble:

The Purpose of this amendment is to add the following:

**Update Storage and Disposal per PR Notice 2007-4.**

**Please reference 6836-84 for previously approved Storage and Disposal wording for Commercial, Industrial, Institutional product, no reuse rinsate statement.**

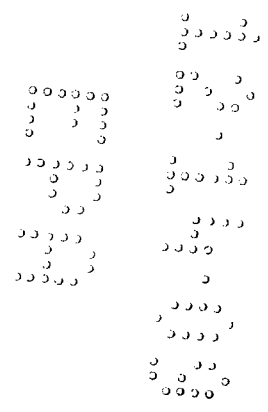
Please find enclosed the following documents in support of this label amendment:

- Application for Pesticide Amendment
- One copy of the label with changes highlighted
- Two copies of the draft label

If you have any questions or need any additional information, please feel free to contact me at 201-316-9297.

Sincerely,  
Lonza Inc.

*Joanna Holcombe 10/2*  
Joanna Holcombe  
Sr. Commercial Regulatory Services Associate



# HS-Q GERMICIDE CONCENTRATE

Active Ingredient:

n-Alkyl (C<sub>14</sub> 50%, C<sub>12</sub> 40%, C<sub>16</sub> 10%)  
 dimethyl benzyl ammonium chloride..... 10.24%  
 Other Ingredients: ..... 89.76%  
 Total..... 100.00%

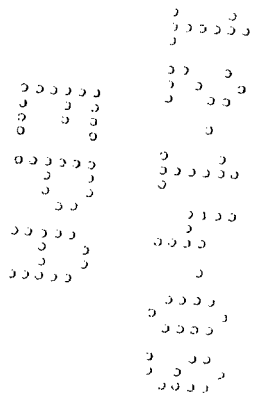
**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

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

EPA Reg. No. 47371-38  
 EPA Est. No. (as indicated on container)  
 Net Contents (as indicated on container)

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



**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, safety glasses or face shield), protective clothing and protective gloves (rubber or chemical resistant) when handling. Harmful if swallowed. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash 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.

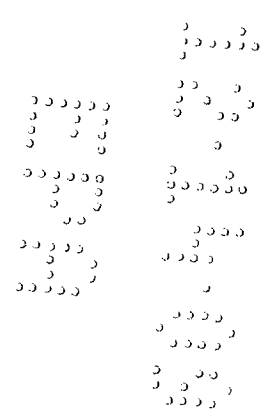
Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment.

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

*(If container size is 5 gallons or larger, the following Environmental Hazards statement 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.



A powerful quaternary ammonium compound that disinfects, or sanitizes, and deodorizes per directions below:

**A.O.A.C. Use-dilution Test:**

Kills Staphylococcus aureus and Salmonella choleraesuis 1:256  
Kills Pseudomonas aeruginosa ..... 1:128

**A.O.A.C. Germicidal and Detergent Sanitizers Test:**

Kills Staphylococcus aureus and E. coli .... 1:512

**DIRECTIONS FOR USE**

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

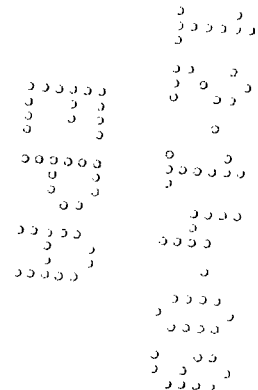
Apply **HS-Q GERMICIDE CONCENTRATE** with a cloth, mop or coarse mechanical spray device until surface is thoroughly wetted. Treated surfaces must remain wet for 10 minutes. Allow surfaces to air dry. Fresh solution should be prepared daily or when the use solution becomes visibly dirty.

**POULTRY HOUSE, PREMISES AND VEHICLES DISINFECTION:**

Poultry brooders, watering founts, feeding equipment and other animal quarters (such as stalls and kennel areas) can be disinfected after thorough cleaning by applying a solution of 1/2 oz. **HS-Q GERMICIDE CONCENTRATE** per gallon of water with a mop, cloth or brush.

Prior to disinfection, all poultry, other animals and their feeds must be removed from the premises, vehicles and enclosures such as coops and crates. Remove all litter, droppings and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other facilities and fixtures occupied or traversed by animals. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with the recommended disinfecting solution for 10 minutes. Immerse all halters, ropes and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure.

After disinfection, ventilate building, coops and other closed spaces. Do not house poultry, or other animals, or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains and waterers with soap or detergent, and rinse with potable water before reuse.



**SANITIZING UDDERS, FLANKS AND TEATS OF DAIRY COWS**

The udders, flanks and teats of dairy cows can be sanitized by washing with a solution of 1 oz. **HS-Q GERMICIDE CONCENTRATE** in 4 gallons of warm water.

Use a fresh towel for each cow. Avoid contamination of sanitizing solution by dirt and soil. Do not dip used towel back into sanitizing solution. When solution becomes visibly dirty, discard and provide fresh solution.

**FOR USE IN FEDERALLY INSPECTED MEAT AND POULTRY ESTABLISHMENTS AS A SANITIZER NOT REQUIRING A RINSE.**

Before use in federally inspected meat and poultry food processing plants and dairies, food products and packaging materials must be removed from the room or carefully protected.

Apply 1 ounce **HS-Q GERMICIDE CONCENTRATE** per 4 gallons of water (200 ppm active quat) for a 1 minute contact time. Allow to drain and air dry. Do not rinse.

Prepare a fresh solution daily or more often if the solution becomes visibly dirty or diluted.

**TO SANITIZE PREVIOUSLY CLEANED FOOD GRADE EGGS IN SHELL EGG AND EGG PRODUCT PROCESSING PLANTS:**

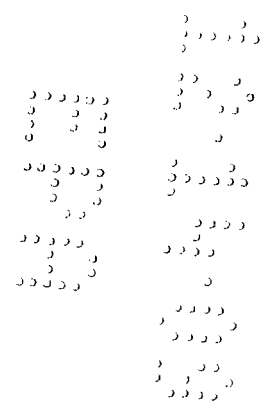
Spray with 1 ounce **HS-Q GERMICIDE CONCENTRATE** per 4 gallons of water (200 ppm active quat) for 1 minute. The solution must be equal to or warmer than the eggs, but not to exceed 130°F. Wet eggs thoroughly and allow to drain. Eggs sanitized with this product shall be subjected to a potable water rinse only if they are to be immediately broken for use in the manufacture of egg products. Eggs must be reasonably dry before casing or breaking. The solution must not be re-used for sanitizing eggs.

**Note:** Only clean, whole eggs can be used for sanitizing. Dirty, cracked or punctured eggs cannot be sanitized.

**DISINFECTION OF BARBER TOOLS**

Pre-clean hard nonporous barber instruments and tools. Completely immerse combs, brushes, rollers, manicure, and other salon/barber instruments and tools in use solution of 1/2 oz **HS-Q GERMICIDE CONCENTRATE** per gallon of water for 10 minutes. Rinse thoroughly and dry before reuse. Use a fresh product daily. Do not reuse solutions, and discard solution if it becomes diluted or soiled.

Plastics may remain immersed until ready to use. Stainless steel shears and instruments must be removed after 10 minutes, rinsed, dried and kept in a clean non-contaminated receptacle. Prolonged soaking may cause damage to metal instruments.





(Note to reviewer: For Nonrefillable Containers for commercial, industrial, and institutional uses -- all sizes -- No Reuse/Rinsate Statement for Public Health Use products)

**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 and 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.

(For metal containers only: 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.

