

JUL 9 2012

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

Subject **Lonza Formulation DC-109N**
EPA Registration Number 6836-206
Application Dated September 29 2011
EPA Received Date October 3 2011

Dear Ms Holcombe

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

Proposed Amendment

- Response to Agency letter dated 8/31/2011

Labeling Comments

The Agency continues to believe that use of the term Institutional on a label implies that the product can be used in health care facilities In order to avoid this confusion and in order to keep the Institutional use on your label you need to add an asterisk (*) after the term Institutional The asterisk language that needs to be places on your label is Not for use in Healthcare settings The asterisk can be placed anywhere on your label Tentatively you can delete the term Institutional from your label

- 1 Delete the site Institutional Kitchens or add an asterisk (*) to this phrase
- 2 Delete the site Whirlpool Bathtubs or add an asterisk (*) to this term
- 3 Delete the site Ultrasonic Bath Directions or add an asterisk (*) to this phrase

CONCURRENCES								
SYMBOL								
SURNAME								
DATE								

Note the * language that must be added to the label is Not for use in health care settings

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

3/14

LONZA FORMULATION DC-109N

Disinfectant – Cleaner – Sanitizer – Fungicide – Mildewstat Virucide Deodorizer
for Institutional and Industrial Use

Effective in hard water up to 400 ppm hardness [Calculated as CaCO₃] in the presence of 5% serum contamination

Fresh / Clean / Lemon / Pine / Mint / Floral / Citrus [scent] [fragrance] [scented] [odor]

Formulated for effective poultry premise sanitation
Formulated for effective swine premise sanitation

Active Ingredient	
Didecyl dimethyl ammonium chloride	7.68%
Other Ingredients	<u>92.32%</u>
Total	100.00%

KEEP OUT OF REACH OF CHILDREN

DANGER [PELIGRO]

See [side] [left] [right] [back] panel for Precautionary Statements and First Aid

EPA Reg No 6836 206
EPA Est No (as noted on the container)
Net Contents (as noted on the container)

[DOT symbols]
[Country of origin (insert country)]
[Manufactured in (insert country)]
[Barcode]

Manufactured by
LONZA INC
90 Boroline Road Allendale NJ 07401

**ACCEPTED
with COMMENTS
in EPA Letter Dated
JUL 9 2012**

Under the Federal Insecticide
Fungicide and Rodenticide Act as
amended to include
registered under EPA Reg No *6836-206*

9/14

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 clothing eyewear (goggles face shield or safety glasses) and protective (rubber chemical resistant) gloves when handling May be fatal if swallowed 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

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 container or label with you when calling a poison control center or doctor or going for treatment

{Note to reviewer If the container size is 5 gallons or greater the following Environmental Hazards statements will be used }

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates 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**

9/14

Under the Federal Insecticide
Fungicide and Rodenticide Act as
amended or modified
registered under EPA Reg No 6926-206

5/19

{Note to reviewer The following is considered optional marketing language }

Concentrate [Concentrated]
Disinfects [Disinfectant]
Cleans [Cleaner]
Deodorizes [Deodorant]

Cross contamination is of major housekeeping concern in schools institutions and industry **Lonza Formulation DC 109N** has been formulated to aid in the reduction of cross-contamination from treated surfaces in these areas

Lonza Formulation DC 109N

Is a one step disinfectant cleaner that is effective against a broad spectrum of bacteria is virucidal* [including HIV 1 and HBV] fungicidal and inhibits the growth of mold and mildew and their odors when used as directed

- is an effective one step sanitizer cleaner for use on non food contact surfaces will deodorize surfaces in restrooms and toilet areas behind and under sinks and counters garbage cans and garbage storage areas and other places where bacterial growth can cause mal odors
- Is an effective fungicide against Trichophyton mentagrophytes [the athlete s foot fungus] when used on surfaces in areas such as locker rooms dressing rooms shower and bath areas and exercise facilities contains no [phosphates or] phosphorous [compounds]
- is a no rinse neutral pH disinfectant cleaner that disinfects cleans and deodorizes in one labor saving step
- can be used with a mop and bucket trigger sprayers sponge or by soaking provides effective cleaning strength that will not dull most metal interlock floor finishes and does not require a rinse prior to recoat
improves labor results by effectively controlling odors
cleans shines deodorizes and disinfects hard nonporous household surfaces Inhibits the growth mold and mildew leaving bathrooms & kitchens clean and smelling fresh
kills household germs effective against Staphylococcus aureus [Staph] and Streptococcus faecalis [Strep] Influenza A/PR Virus and Trichophyton mentagrophytes [Athlete s foot fungus] [Cause of Ringworm]
- is a neutral pH multi surface cleaner deodorizer and disinfectant Use on windows mirrors and other glass surfaces

Use Lonza Formulation DC 109N

- for non scratch cleaning of showers and tubs shower doors and curtains fixtures and toilet bowls
- in kitchens bathrooms and other household areas
- on the multi touch surfaces responsible for cross contamination on glass surfaces including windows and mirrors

Lonza Formulation DC 109N is recommended for Poultry Premise Sanitation [Hatcheries]

Chick Processing Area	Chick Holding Room
Egg Receiving Area	Egg Holding Area
Chick Loading Area	Tray Dumping Area
Setter Room	Hatchery Room
Poultry Buildings	

Lonza Formulation DC 109N is recommended for Swine Premise Sanitation

Farrowing Barns & Areas	Dressing Plants
Blocks	Waterers and Feeders
Loading Equipment	Creep Area
Hauling Equipment	Nursery
Chutes	

ACCEPTED
with COMMENTS
in EPA Letter Dated

Under the Federal Insecticide
Fungicide and Rodenticide Act as
amended or the pesticide
registered under EPA Reg No 6836-206

{Note to reviewer the following is considered optional marketing language }

Lonza Formulation DC 109N
EPA Reg No 6836 206
Draft Label 9 29 11

{Note to reviewer Language in [] is optional or interchangeable}

6/19

Respiratory illnesses attributable to Pandemic 2009 H1N1 are caused by influenza A virus. This product [Product Name] is a broad spectrum hard surface disinfectant that has been shown to be effective against (*influenza A virus tested and listed on the label*) and is expected to inactivate all influenza A viruses including Pandemic 2009 H1N1 (formerly called swine flu)

This product has demonstrated effectiveness against influenza A virus and is expected to inactivate all influenza A viruses including Pandemic 2009 H1N1 influenza A virus

This product has demonstrated effectiveness against (*influenza A virus tested and listed on the label*) and is expected to inactivate all influenza A viruses including Pandemic 2009 H1N1 (formerly called swine flu)

Kills Pandemic 2009 H1N1 influenza A virus (formerly called swine flu)

Kills Pandemic 2009 H1N1 influenza A virus

ACCEPTED
with COMMENTS
in LPA Letter Dated

SEP 9 2011

Under the Federal Insecticide
Fungicide and Rodenticide Act as
amended for the pesticide
registered under EPA Reg No 6630 JOK

{Note to reviewer The following is considered optional marketing language }

[AREAS OF USE]

Use **Lonza Formulation DC 109N** in

{Note to reviewer Each entry below also represents a graphic depicting the corresponding area of use The graphics will only represent individual objects or outsides or insides of buildings as described below No people or food will be depicted in graphics }

Bathrooms
Homes [households]
Kitchens

Day care centers
Nurseries

Bars
Cafeterias
Convenience stores
Food processing plants
Food storage areas
Institutional kitchens
Restaurants
USDA inspected food processing facilities

Athletic facilities
Barber shops
Business and office buildings
Colleges
Correctional facilities
Dressing rooms
Exercise facilities
Factories
Hotels
Institutional facilities
Institutions
Locker rooms
Motels
Prisons
Public facilities

Public rest rooms
Schools
Shower and bath areas
Salons
Universities

Camp grounds
Play ground equipment

Animal laboratories
Dairy farms
Hog farms
Kennels
Poultry farms
Pet animal quarters
Pet shops
Turkey farms
Zoos

Airports
Airplanes
Boats
Buses
Campers
Cars
Mobile homes
Ships
Taxis
Trailers
Trains
Transportation terminals

ACCEPTED
with COMMENTS
in EPA Order Dated.

9/19
Under the Federal Insecticide
Fungicide and Fertilizer Act
registered under EPA Reg No 6936-206

{Note to reviewer The following is considered optional marketing language }

[TYPES OF SURFACES]

Use **Lonza Formulation DC 109N** on washable hard nonporous surfaces of

{Note to reviewer Each entry below also represents a graphic depicting the corresponding type of surface No people or food will be depicted in graphics Only exteriors of microwaves and refrigerators will be depicted Toy graphics will be submitted to Agency for review }

- Appliances
- Bathroom bowls
- Bathroom basins
- Bathroom fixtures
- Bathtubs
- Cabinets
- Cages
- Chairs
- Coils and drain pans of air conditioning and refrigeration equipment and heat pumps
- Conductive flooring
- Counters [countertops]
- Countertop laminates
- Desks
- Doorknobs
- Door handles
- Fiberglass bathtubs
- Fiberglass sinks
- Floors
- Floors finished
- Floors high speed burnished
- Garbage cans
- Highchairs
- Kennel runs
- Microwave ovens [Exterior Surfaces]
- Outdoor furniture
- Refrigerators [Exterior Surfaces]
- Refrigerated storage and display equipment

- Showers
- Shower stalls
- Sinks [bathroom kitchen]
- Stoves [stovetops]
- Tables [picnic tables]
- Telephones
- Toilets
- Toilet bowls
- Toilet bowl surfaces
- Tubs
- Tiles glazed
- Ultrasonic baths
- Urinals
- Walls
- Whirlpool bathtubs

- Other hard nonporous surfaces made of
- 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

ACCEPTED
with COMMENTS
in EPA Letic Label

JUL 9 2012

Under the Federal
Fungicide Act
amended to be
registered under FIFRA No. 030-200

9/14

Lonza Formulation DC 109N is a Disinfectant at 1 oz per gallon [8 mL per liter 1 128 dilution] modified in the presence of 250 ppm hard water and at 1 1/3 oz per gallon [10 mL per liter 1 100 dilution] modified in the presence of 400 ppm hard water

Lonza Formulation DC 109N is Bactericidal according to the AOAC Use Dilution Test method Virucidal according to the virucidal qualification on hard inanimate surfaces Fungicidal according to the AOAC fungicidal test modified in the presence of 5% organic serum against

[Bacteria]

- Acinetobacter baumannii
- Brevibacterium ammoniagenes
- Chlamydia psittaci
- Enterobacter aerogenes
- Enterobacter cloacae
- Enterococcus [Streptococcus] faecalis Methicillin resistant
- Enterococcus faecalis Vancomycin resistant [VRE]
- Escherichia coli [E coli]
- Escherichia coli Methicillin resistant
- Enterococcus [Streptococcus] faecalis
- Klebsiella pneumoniae
- Klebsiella pneumoniae Methicillin resistant
- Proteus vulgaris
- Salmonella enterica [Salmonella]
- Salmonella schottmuelleri
- Salmonella typhi
- Salmonella typhimurium
- Serratia marcescens
- Shigella dysenteriae
- Shigella flexneri
- Shigella sonnei
- Staphylococcus aureus [Staph]
- Staphylococcus aureus Methicillin resistant [MRSA]
- Staphylococcus aureus - Vancomycin Intermediate Resistant [VISA]
- Staphylococcus epidermidis
- Streptococcus pyogenes (Strep)

[Viruses]

- Hepatitis B Virus
- Herpes Simplex Virus Type 1
- Herpes Simplex Virus Type 2
- HIV 1 [AIDS virus]
- Influenza A/PR Virus [Influenza]
- Rubella [Causative agent of German measles]
- Vaccinia Virus

[Fungi]

- Aspergillus niger
- Candida albicans
- Trichophyton mentagrophytes [Athlete s Foot Fungus] [Cause of Ringworm]

Lonza Formulation DC 109N is a sanitizer for hard nonporous non food contact surfaces at 1 1/3 oz per gallon [8 10 mL per liter] against

Enterobacter aerogenes Staphylococcus aureus

ACCEPTED
with COMMENTS
in EPA Letter Dated.

JUL 9 2012

Under the Federal Insecticide
Fungicide and Rodenticide Act as
amended to the Fungicide
registered under EPA Reg No 6836-206

10/14

DIRECTIONS FOR USE

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

Preparation of use solution

For water hardness up to 250 ppm add 1 oz per gallon [8 mL per liter] of water [1 128]
For water hardness up to 400 ppm add 1 1/3 oz per gallon [10 mL per liter] of water [1 100]
For heavy duty use add 4 oz per gallon [32 mL per liter] of water [1 32]

DISINFECTION /VIRUCIDAL* / FUNGICIDAL DIRECTIONS

Apply use-solution to hard nonporous surfaces thoroughly wetting the surfaces with a cloth mop sponge or sprayer

Treated surfaces must remain wet for 10 minutes [2 minutes for disinfection against all viruses claimed except HBV] Wipe dry with a clean cloth or sponge or allow to air dry For heavily soiled areas a preliminary cleaning is required

For sprayer applications use a coarse spray device Spray 6-8 inches from surface rub with brush sponge or cloth Do not breathe spray

Prepare a fresh solution daily or more often if the use solution becomes diluted or soiled

Rinse all surfaces which come in contact with food such as countertops appliances tables and stovetops with potable water before reuse Do not use on utensils glassware and dishes

MOLD AND MILDEW CONTROL DIRECTIONS

To control the growth of mold and mildew and their odors on hard nonporous surfaces apply use solution to thoroughly wet all treated surfaces completely Let air dry Repeat application weekly or when growth or odor reappears

KILLS HIV AND HBV ON PRE-CLEANED ENVIRONMENTAL SURFACES / OBJECTS PREVIOUSLY SOILED WITH BLOOD / BODY FLUIDS

in settings in which there is an expected likelihood of soiling of inanimate surfaces / objects with blood or body fluids and in which the surfaces / objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 [HIV 1] [associated with AIDS] or Hepatitis B Virus [HBV]

Special Instructions for Cleaning and Decontamination against HIV 1 or HBV on Surfaces / Objects Soiled With Blood / Body Fluids

Personal protection Clean up should always be done wearing protective gloves gowns masks and eye protection

Cleaning procedure Blood and other body fluids containing HIV or HBV must be thoroughly cleaned from surfaces and objects before application of Lonza Formulation DC 109N

Contact time

For HIV Use 1 oz of Lonza Formulation DC 109N per gallon of water [8 mL per liter] Leave surfaces wet for 2 minutes

For HBV Use 1 1/3 oz of Lonza Formulation DC 109N per gallon of water [10 mL per liter] Leave surfaces wet for 10 minutes

For disinfection against all other bacteria and fungi claimed Use a 10 minute contact time

Disposal of infectious materials Blood body fluids cleaning materials and clothing should be autoclaved and disposed of according to local regulations for infectious waste disposal

ACCEPTED
with COMMENTS
in EPA Letter Dcr d
JUL 9 2012

Under the Federal
Fungicide and
amended to
registered under
(Note to reviewer Language in [] optional or interchangeable)

6836-206

12/14

NON ACID TOILET BOWL AND URINAL DISINFECTANT / CLEANER DIRECTIONS

Remove heavy soil prior to disinfection

From concentrate

Add 1 - 1 1/3 oz [30 - 40 mL] to the toilet bowl and mix brush thoroughly over exposed surfaces and under the rim with a cloth mop or sponge Allow to stand for 10 minutes and flush

From use solution

Empty toilet bowl or urinal and apply 1 - 1 1/3 oz per gallon [8 - 10 mL per liter] use solution to exposed surfaces including under the rim with a cloth mop sponge or sprayer Brush or swab thoroughly Allow to stand for 10 minutes and flush

For Heavy duty use

Empty toilet bowl or urinal and apply a 4 oz per gallon [32 mL per liter] use solution to exposed surfaces including under the rim with a cloth mop sponge or sprayer Brush or swab thoroughly Allow to stand for 10 minutes and flush

SALON [BARBER] INSTRUMENTS AND TOOLS DISINFECTION [BACTERICIDE] / VIRUCIDE / FUNGICIDE DIRECTIONS

Mix 1 - 1 1/3 oz of **Lonza Formulation DC 109N** per gallon of water [or equivalent dilution] to disinfect hard nonporous instruments and tools Completely immerse combs brushes rollers razors scissors blades manicure and other salon instruments and tools for 10 minutes For heavily soiled instruments and tools a preliminary cleaning is required Rinse thoroughly and dry before use Prepare a fresh solution daily or more often if the solution becomes visibly diluted cloudy or soiled

Note 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

✓ ULTRASONIC BATH DISINFECTANT DIRECTIONS

Use **Lonza Formulation DC 109N** to disinfect hard nonporous non critical instruments / objects compatible with Ultrasonic cleaning units Pour fresh use solution of 1 - 1 1/3 oz of **Lonza Formulation DC 109N** per gallon of water [or equivalent dilution] directly into bath chamber Preclean soiled objects Place objects into unit and operate for a minimum of 10 minutes according to manufacturer's use directions Remove objects and rinse with sterile water [sterile water for injection] or allow to air dry Prepare a fresh solution for each use

✓ WHIRLPOOL BATH DISINFECTION DIRECTIONS

After using whirlpool unit drain and fill with a use solution of 1 - 1 1/3 oz of **Lonza Formulation DC 109N** per gallon of water to just cover the intake valve Start the pump to circulate the solution Wash down the unit sides seat of the chair lift and any related equipment with a clean swab brush or sponge Treated surfaces must remain wet for 10 minutes After the unit has been thoroughly disinfected drain the solution from the unit and rinse disinfected surfaces with fresh water Repeat for heavily soiled units

VETERINARY PRACTICE / ANIMAL CARE / ANIMAL LABORATORY / ZOOS / PET SHOP / KENNELS DISINFECTION DIRECTIONS

For cleaning and disinfecting the following hard nonporous surfaces equipment used for animal food or water utensils instruments cages kennels stables and catteries Remove all animals and feeds from premises animal transportation vehicles crates etc Remove all litter droppings and manure from floors walls and surfaces of facilities occupied or traversed by animals Empty all feeding and watering appliances Thoroughly clean all surfaces with soap or detergent and rinse with water Saturate surfaces with a use solution of 1 to 1 1/3 oz of **Lonza Formulation DC 109N** per gallon of water [or equivalent dilution] for a period of 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 Wipe or allow to air dry Rinse all surfaces that come in contact with food including equipment used for feeding or watering with potable water before reuse Ventilate buildings and other closed spaces ~~Remove~~ house animals or employ equipment until treatment has been absorbed set or dried

ACCEPTED
with COMMENTS
in EPA Letter Dated

JUL 9 2012

Under the Federal Insecticide
Fungicide and Fertilizer Act as
amended (Note to reviewer Language in [] is optional or interchangeable)
registered under LFA Reg No 6836-204

Lonza Formulation DC 109N
EPA Reg No 6836 206
Draft Label 9 29 11

12/19

FARM PREMISE USE

Remove all animals and feed from premises vehicles and enclosures Remove all litter 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 surfaces with soap or detergent and rinse with water Saturate surfaces with a use solution of 1 to 1 1/3 oz of Lonza Formulation DC 109N per gallon of water [or equivalent dilution] for a period of 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 Ventilate buildings cars trucks boats and other closed spaces Do not house livestock 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

DIRECTIONS FOR FOOD PROCESSING PLANTS

For use on non food contact surfaces such as floors walls tables garbage cans and disposal areas Before using this product food products and packaging materials must be removed or carefully protected Follow disinfection directions

DIRECTIONS FOR FOOD STORAGE AREAS

For use on non food contact surfaces such as shelves floors walls and tables Before using this product food products and packaging materials must be removed from the room or carefully protected then follow disinfection directions

DIRECTIONS FOR SANITIZING NON FOOD CONTACT SURFACES

Add 1 - 1 1/3 oz per gallon [8 10 mL per liter] of water to sanitize hard nonporous environmental surfaces Treated surfaces must remain wet for 60 seconds Wipe dry with a clean cloth or sponge or allow to air dry

POULTRY AND SWINE PREMISE DISINFECTION DIRECTIONS

SITE PREPARATION

The first step in any on going sanitation program should be the removal of gross contamination and debris This may be accomplished using a shovel broom or vacuum depending on the area to be disinfected The efficacy of even the most efficient germicidal cleaner is reduced in the presence of heavy organic matter Once the heavy debris is eliminated disinfection can be ACCOMPLISHED IN ONE EASY STEP

CLEANING

For all general cleaning use 1 - 1 1/3 oz of Lonza Formulation DC 109N per gallon of water [1 128 טוֹסֵטִי] Apply Lonza Formulation DC 109N using a cloth mop or pressure sprayer so as to thoroughly wet surfaces Wipe dry with a clean cloth or sponge or allow to air dry

DISINFECTION

Remove all animals and feeds from premises vehicles trucks and enclosures such as coops and crates Remove all litter droppings and manure from floors walls and surfaces of barns pens stall chutes and other facilities 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 Use 1 - 1 1/3 oz of Lonza Formulation DC 109N per gallon of water Saturate surfaces with the recommended disinfecting solution for a period of 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 Wipe dry with a clean cloth or sponge or allow to air dry Ventilate buildings coops and other closed spaces Do not house animals or employ equipment until treatment has been absorbed set or dried Thoroughly scrub treated feed racks troughs automatic feeders fountains and waterers with soap or detergent and rinse with potable water before reuse

HATCHERIES Use 1 - 1 1/3 oz of Lonza Formulation DC 109N per gallon of water to treat hatchers setters trays racks carts sexing tables delivery trucks and other hard surfaces Leave all treated surfaces wet for 10 minutes or more Wipe dry with a clean cloth or sponge or allow to air dry

VEHICLES Clean all vehicles including mats crates cabs and wheels with high pressure water and Lonza Formulation DC 109N Use 1 - 1 1/3 oz per gallon to treat all vehicles Leave all treated surfaces wet for 10 minutes or more Wipe dry with a clean cloth or sponge or allow to air dry

ACCEPTED
with COMMENTS
in EPA Letter Dated

JUL 9 2012

{Note to reviewer Language in [] is optional or interchangeable}

Lonza Formulation DC 109N
EPA Reg No 6836 206
Draft Label 9 29 11

Page 10 of 12

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

6936 206

13/14

SHOE BATH SANITIZER DIRECTIONS Shoe baths containing one inch of freshly made solution ^{must} be placed at all entrances to buildings and hatcheries. Scrape waterproof work boots and place in a 1 to 1 1/3 oz per gallon of water solution for 60 seconds prior to entering the area. Change the solution in the bath daily or more often if the solution appears diluted or soiled.

DRESSING PLANT DISINFECTION DIRECTIONS Disinfect equipment utensils walls and floors in poultry and animal dressing plants. Disinfect offal rooms exterior walls and loading platforms of dressing plants. Cover or remove all food and packaging materials. Remove all gross soils. Saturate all surfaces with the recommended use solution of 1 oz per gallon. Scrub to loosen all soils. Allow to soak for 10 minutes and thoroughly rinse all wetted and cleaned surfaces with potable water. Wipe dry with a clean cloth or sponge or allow to air dry.

SANITIZING HATCHERY ROOMS USING FOGGING DEVICES
Remove all animals and feed from premises vehicles and enclosures. Remove all litter and manure from floors walls and surfaces of the room to be treated. Empty all troughs racks and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Close room off so fog is confined to room to be treated. Wear a dust mist respirator when mixing the use solution and pouring it into the fogging apparatus. Mix two parts **Lonza Formulation DC 109N** to five parts water [1 gallon of **Lonza Formulation DC 109N** to 2.5 gallons water]. Insert the nozzle of the fogger through a suitable opening into the room. With the setting in maximum output fog for one minute for each 4000 cubic feet of space in the room. When fogging is completed ventilate buildings and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed or dried. Thoroughly scrub all treated feed racks troughs automatic feeders fountains and waters with soap or detergent and rinse with potable water before reuse.

SANITIZING INCUBATORS AND HATCHERS USING FOGGING DEVICES
Wear a dust mist respirator when mixing the use solution and pouring it into the fogging apparatus. Mix 12 oz of **Lonza Formulation DC 109N** to 122 oz water. Fog 3-8 oz of this into setters and hatchers immediately after transfer. Repeat daily in setters and every 12 hours in hatchers. Discontinue hatcher treatments at least 24 hours prior to pulling the hatch. Do not allow people to contact or breathe this fog and do not enter until the fog has settled [30-60 minutes after fogging is completed]. It is acceptable to fog setters and hatchers with a 1-1 1/3 oz per gallon solution of **Lonza Formulation DC 109N** on an hourly or every other hour basis. If this is done fog for 30-90 seconds once per hour or once every two hours. When fogging is completed ventilate buildings and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed 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.

NOTE: The fog generated is irritating to the eyes skin and mucous membranes. Under no circumstances must a room or building be entered by anyone within two hours of the actual fogging and a minimum of 4 air exchanges [ACH] per hour in the facility. If the building must be entered then the individuals entering the building must wear a self contained respirator approved by NIOSH/MSHA goggles long sleeves and long pants.

FOGGING IS TO BE USED AS AN ADJUNCT TO ACCEPTABLE MANUAL CLEANING AND DISINFECTING OR ROOM AND MACHINE SURFACES

GLASS CLEANING/DEODORIZING DIRECTIONS
Add 1/2 2 oz per gallon [4-16 mL per liter] of water to clean and deodorize windows mirrors and glass surfaces.

For sprayer applications use a coarse spray device. Spray 6-8 inches from surface rub with sponge or cloth. Do not breathe spray.

ACCEPTED
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in EPA Letter Dated
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Under the Federal Insecticide
Fungicide and Rodenticide Act as
amended or the pesticide
registered under EPA Reg No 6836-208

14/14

{Note to reviewer For Nonrefillable Containers 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}

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 reconditioning if appropriate

{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

{Plastic and Metal Containers } Nonrefillable container Do not reuse or refill this container Clean container promptly after emptying Triple rinse as follows Fill container ¼ 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 only } DO NOT cut or weld metal containers

{Bag in Box Containers } Nonrefillable container Do not reuse or refill this container Clean container promptly after emptying 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

{Note to reviewer For Nonrefillable Sealed Containers Packaging options can be in sealed containers or bottles designed for use dilution systems to reduce worker exposure to the concentrate None of these can be triple rinsed because they are closed sealed containers The following text will be used on these sealed container types }

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 Wrap empty container and put in trash

ACCEPTED
with COMMENTS
EPA Letter Dated
JUL 9 2012

Under the Federal Insecticide
Fungicide and Rodenticide Act (Language in [] is optional or interchangeable)
amendment of or to pesticide
registered under EPA Reg No 6836-206