47371-192

11/23/2009

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

10824

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

NOV 23 2009

Joanna Holcombe Senior Commercial Regulatory Services Associate H&S Chemicals Division c/o Lonza Inc. Allendale, NJ 07401

Subject:

Lonza Formulation HWS-32 EPA Registration No. 47371-192 Notification Date: November 02, 2009

EPA Receipt Date: November 03, 2009

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

• Adding H1N1 label claims per EPA guidance

General Comments

Based on a review of the material submitted, your notification to add H1N1 label claims per EPA guidance 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.

Sincerely.

Velma Noble

Product Manager (31)

Regulatory Management Branch I

SURNAME DATE

EPA Form 1320-1A (1/90)

Printed on Recycled Paper

OFFICIAL FILE COP

Please read instructions on reverse before c	ompieting, i. Form Appi	roved, UMB No. 2070-	0000, Approval e	۵٫ 31-98	
EDA	United States		Registration	on	OPP Identifier Number
EPA Environ	mental Protection Age	ency	Amendme	ent	
	Washington, DC 20460		Other		
	Applica	tion for Pesticide			
Company/Product Number		2. EPA Product Ma	anager	· · · · · · · · · · · · · · · · · · ·	3. Proposed Classification
47371-192		Velma Noble			
4. Company/Product (Name)	11140 20	PM#			None Restricted
FORMULATION	HVV5-32	31			
5. Name and Address of Applicant (Include H&S Chemicals Division	e ZIP Code)	6. Expedited Revie or identical in comp			on 3(c)(3)(b)(I), my product is similar
c/o Lonza Inc.		EPA Reg. No.			
90 Boroline Road Allendale, NJ 07401		Product Name			
Check if this is a new address					
Check y was to a new address		Section – II			
Amendment - Explain below.		· F	Final printed lahele	s in response to Age	ncy letter dated
Resubmission in response to Agend	cy letter dated		Me Too" Applicat		
Notification - Explain below.			Other - Explain be		
Explanation: Use additional pa	ge(s) if necessary. (For	Section I and Secti	on II.)		
Notification of label cha	nge to add optional n	narketing langua	age per EPA	Guidance for	r Testing and Labeling
	•	gainst Pandemic			
		Not Subject to Pl			
This notification is consistent with t to the labeling or the confidential si					
false statement to EPA. I further un					
product may be in violation of FIFF					
Signature: Ora	una Hulcombe	4 - A	Datas	11-2-09	,
Signature: 1	ma Har course,	1CR	Date	11-201	Water the second
		Section – III			
Material This Product Will Be Packa	<u> </u>				
Child-Resistant Packaging	Unit Packaging		er Soluble Packag	ing	2. Type of Container
Yes*	∐ Yes □ No		Yes No		Metal Plastic
No *Certification must be	If "Yes"	No. per If "Y		No. per	Glass
submitted	Unit Packaging wgt.		age wgt.	container	Paper
					Other (Specify)
Location of Net Contents Information	n 4. Size(s) Retai	l Container		5. Location of L	
Label Contain	ıer			On Label	
	·			On labeling	accompanying product
6. Manner in Which Label is Affixed to			Other		
,	☐ Paper	r glued ciled))
Section – IV					
1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application)					
Name Title Code)					
Joanna Holcombe Sr. Commercial Regulatory Services Associate 201-316-9297					
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. (Stamped)				1 -	
	tatement may be punishable b	y fine or imprisonment	or both under app	olicable law.	(Stampeu)
2 Signatura 1	statement may be punishable b	y fine or imprisonment	or both under app	olicable law.	(Stamped)
2 Signatura 1	ombe, a 3.	y fine or imprisonment	or both under app	olicable law.	(Stamped)

FORMULATION HWS-32

ONE-STEP DISINFECTANT

GERMICIDAL DETERGENT AND DEODORANT

Disinfectant
Pseudomonacidal
Staphylocidal
Salmonellacidal
Bactericidal
Fungicidal
Mildewstatic
*Virucidal

FLORAL / CITRUS / FRESH / CLEAN / LEMON / PINE / MINT [scent] [fragrance] [odor] [scented]

Active Ingredients:	
Didecyl dimethyl ammonium chloride	1.27%
n-Alkyl (C ₁₄ 50%, C ₁₂ 40%, C ₁₆ 10%)	
dimethyl benzyl ammonium chloride	0.85%
Other Ingredients:	97.88%
Total:	100.00%

KEEP OUT OF REACH OF CHILDREN

DANGER

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

EPA Reg. No. 47371-192
EPA Est. No. (insert Est. No. here)
NET CONTENTS (insert container size here)
[Country of origin (insert country)]
[Manufactured in (insert country)]
[Barcode]

H&S CHEMICALS DIVISION c/o LONZA INC., 90 Boroline Road, Allendale, NJ 07401

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FORMULATION HWS-32 EPA REG. NO. 47371-192 (NOTE TO REVIEWER: LANGUAGE IN [] IS OPTIONAL OR INTERCHANGEABLE) Dage 1 of 23

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. Corrosive. Causes irreversible eye damage. Do not get in eyes or clothing. Wear protective eyewear (goggles, face shield, or safety glasses). Avoid contact with the skin. Harmful if inhaled. Avoid breathing spray. 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 eve.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 – 20 minutes.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.

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.

(Note to reviewer: If container size is 5 gallons or greater, 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.

FORMULATION HWS-32 EPA REG. NO. 47371-192

(NOTE TO REVIEWER: LANGUAGE IN [] IS OPTIONAL OR INTERCHANGEABLE) Fage 2 of 23

(Note to reviewer: The following is considered optional marketing language:)

- Concentrate [Concentrated]
- Neutral [Neutral pH)
- Disinfects [Disinfectant]
- Cleans [Cleaner]
- Deodorizes [Deodorizer]

A multi-purpose, neutral pH, germicidal detergent and deodorant effective in hard water up to 400 ppm (calculated as CaCO₃) in the presence of a moderate amount of soil (5% organic serum) according to the AOAC Use-dilution Test. Disinfects, cleans and deodorizes in one labor-saving step.

For use in hospitals, nursing homes, schools, colleges, commercial and industrial institutions, office buildings, veterinary clinics, animal life science laboratories, zoos, federally inspected meat and poultry establishments, equine farms, tack shops, pet shops, airports, kennels, hotels, motels, poultry farms, turkey farms, dairy farms, hog farms, breeding establishments, grooming establishments, funeral homes and households.

Disinfects, cleans, and deodorizes the following hard, nonporous, inanimate surfaces: floors, walls, [non-medical] metal surfaces, [non-medical] stainless steel surfaces, glazed porcelain, plastic surfaces (such as polypropylene, polystyrene, etc.).

Use [on] [to clean and disinfect] nonporous athletic mats, wrestling mats, gymnastic mats, exercise equipment and training tables.

Use [on] [to clean and disinfect] nonporous personal protective safety equipment, wrestling headgear, boxing headgear, protective headgear, athletic helmets, hard hats, half mask respirators, full face breathing apparatus, gas masks, goggles, spectacles, face shields, hearing protectors, and ear muffs. Rinse all equipment that comes in prolonged contact with skin with warm water and allow to air dry before reuse. [Notice: Cleaning at 120°F. temperature will avoid overheating and distortion of the personal safety equipment that would necessitate replacement.]

For use in *[insert name of automated dilution system here]* (automated) (dilution system).

FORMULATION HWS-32 EPA REG. NO. 47371-192 (NOTE TO REVIEWER: LANGUAGE IN [] IS OPTIONAL OR INTERCHANGEABLE) Page 3 of 23

(Note to reviewer: The following is considered optional marketing language:)

For use in:

- Federally inspected meat and poultry plants on all hard, nonporous surfaces in inedible product processing areas, non-processing areas and/or exterior areas. All surfaces must be thoroughly rinsed with potable water.
- Federally inspected meat and poultry plants as a floor and wall cleaner for use in all departments. Food products and packaging material must be removed from the room or carefully protected. All surfaces must be thoroughly rinsed with potable water.
- Federally inspected meat and poultry plants, as a disinfectant agent for use in all departments. Food products and packaging materials must be removed from the room or carefully protected. Use product in accordance with its label. All surfaces must be thoroughly rinsed with potable water.

For use in tanning salons.

For use on [tanning beds], [and] [tanning equipment].

Formulation HWS-32 is effective at controlling mold and mildew odor on mattresses, pillows and shower curtains.

Use Formulation HWS-32 in the laundry to control odors on musty bedding and linens. Test on a small inconspicuous area before using.

Use Formulation HWS-32 on mildew stains in damp areas such as bathrooms, showers, kitchens, basements and laundry rooms.

Use Formulation HWS-32 in work areas such as tool rooms and garages for odor control and light duty cleaning.

Use Formulation HWS-32 to remove odors caused by flooding and smoke from fires.

Use Formulation HWS-32 leaves a clean fresh scent.

Formulation HWS-32 provides long lasting freshness against tough (pet) odors from litter boxes and pet accidents.

Formulation HWS-32 (Kills) (Eliminates) (Removes) (Destroys) avian influenza A (H5N1) on pre-cleaned environmental surfaces

Formulation HWS-32 (Kills) (Eliminates) (Removes) (Destroys) [Insert pathogen of pathogens from lists on pages 5 and 6] on (pre-cleaned) environmental surfaces

Formulation HWS-32 (Kills) (Eliminates) (Removes) (Destroys) (Germs) (Bacteria) (Viruses*) (on (pre-cleaned) environmental surfaces)

FORMULATION HWS-32 EPA REG. NO. 47371-192 (NOTE TO REVIEWER: LANGUAGE IN [] IS OPTIONAL OR INTERCHANGEABLE) Bage 4 of 23

(Note to reviewer: The following is considered optional marketing language:)

Effective against the following pathogens:

[Bacteria:]

Pseudomonas aeruginosa¹

Staphylococcus aureus¹

Salmonella enterica

Acinetobacter calcoaceticus

Bordetella bronchiseptica

Chlamydia psittaci

Community Associated Methicillin-Resistant Staphylococcus

aureus - [CA-MRSA] (NRS384) (USA300)

Community Associated Methicillin-Resistant Staphylococcus

aureus - [CA-MRSA] (NRS123) (USA400)

Enterobacter aerogenes

Enterobacter cloacae

Enterococcus faecalis-Vancomycin Resistant [VRE]

Escherichia coli1

Fusobacterium necrophorum

Klebsiella pneumoniae¹

Legionella pneumophila

Listeria monocytogenes

Pasteurella multocida

Proteus mirabilis

Proteus vulgaris

Salmonella enteritidis

Salmonella typhi

Salmonella typhimurium

Serratia marcescens

Shigella flexneri

Shigella sonnei

Staphylococcus aureus -Methicillin resistant - [MRSA]

Staphylococcus aureus-Vancomycin Intermediate Resistant - [VISA]

Staphylococcus epidermidis²

Streptococcus faecalis¹

Streptococcus pyogenes [Strep]

FORMULATION HWS-32 EPA REG. NO. 47371-192 (NOTE TO REVIEWER: LANGUAGE IN [] IS OPTIONAL OR INTERCHANGEABLE) Page 5 of 23

¹ ATCC & antibiotic-resistant strain

² antibiotic-resistant strain only



(Viruses:)

- *Adenovirus Type 4
- *Adenovirus Type 7 at 16 oz. per gallon

(Note for Reviewer: 16 oz. per gallon dilution disinfection directions must be used if Adenovirus Type 7 is listed on the label)

- *Hepatitis B Virus (HBV)
- *Hepatitis C Virus (HCV)
- *Herpes Simplex Type 1
- *Herpes Simplex Type 2
- *Human coronavirus
- *HIV-1 (AIDS virus)
- *Influenza A / Hong Kong

(**Note to supplemental registrant:** if one of the following pathogens with ** are used must include statement "in association with the organism Influenza A/Hong Kong" [Influenza**] [Influenza Virus**] [Flu**] [Flu Virus**]

[**in association with the organism Influenza A/ Hong Kong]

- *Respiratory Syncytial Virus (RSV)
- *Rotavirus [WA]
- *Rubella (German Measles)
- *SARS Associated Coronavirus [SARS] [cause of Severe Acute Respiratory Syndrome]
- *Vaccinia [Pox virus]

[Animal viruses:]

- *Avian Influenza (H5N1)
- *Avian polyomavirus
- *Canine distemper
- *Feline leukemia
- *Feline picornavirus
- *Infectious bovine rhinotracheitis
- *Infectious bronchitis [Avian IBV]
- *Newcastle Disease
- *Pseudorabies [PRV]
- *Rabies
- *Transmissible Gastroenteritis virus [TGE]

[Fungi:]

Aspergillus niger

Candida albicans

Trichophyton mentagrophytes [Athlete's Foot Fungus] [a cause of Ringworm] [a cause of Ringworm of the foot]

FORMULATION HWS-32 EPA REG. NO. 47371-192 (NOTE TO REVIEWER: LANGUAGE IN [] IS OPTIONAL OR INTERCHANGEABLE) Page 6 of 23

(Note to reviewer: the following is considered optional marketing language)

- 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 lested 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.

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(Note to reviewer: The following is considered optional marketing language.)

	OF USE:)		
Use Formulation HWS-32 in:			
Bathrooms	Factories		
Homes (households)	Hotels		
Kitchens	Institutional facilities		
	Institutions		
Clinics	Locker rooms		
Dental offices	Morgues		
Health Care Facilities	Mortuaries		
Hospitals	Motels		
Medical Offices	Prisons		
Medical Related Facilities	Public facilities		
Nursing homes	Public rest rooms		
Sick Rooms	Schools		
	Shower and bath areas		
Day care centers	Salons (Beauty) (Nails)		
Nurseries	Tanning Salons		
Bars	Camp grounds		
Cafeterias	Play ground equipment		
Convenience stores			
Food processing plants	Animal laboratories		
Food storage areas	Dairy farms		
Institutional kitchens	Farms		
Restaurants	Hog Farms		
USDA inspected food processing facilities	Kennels		
	Poultry farms		
Athletic facilities	Pet animal quarters		
Barber shops	Pet shops		
Business and office buildings	Turkey farms		
Colleges	Zoos		
Correctional facilities	232233		
Dressing rooms	2222		
Exercise facilities	2222		

(Note to reviewer: The following is considered optional marketing language.)

(AREAS OF USE:) Use Formulation HWS-32 in:			
Airplanes	Mobile homes		
Airports	Ships		
Ambulances	Taxis		
Boats	Trailers		
Buses	Trains		
Campers	Transportation terminals		
Cars	Trucks (Box Trucks)		
Emergency (Police) (EMS) (Fire) (Rescue) vehicles			

Kills (Effective against) (99.9% of) Influenza A that causes the flu.

(Note to reviewer. The following may be used only if the supplemental registrant has obtained an NSF listing. Allowed on back or side panel only.)



(NSF Listed)
(insert 6-Digit NSF Listing Number here)

(Note to reviewer. The following may be used only if the supplemental registrant has obtained a Kosher Certification.)



•

(Any Kosher Symbol such as:)

(Kosher)

Formulation HWS-32 EPA Reg. No. 47371-192 (Note to reviewer: Language in [] is optional or interchangeable)

EPA Stamped Label 5-7-08 with 12-16-08 Notification, DRAFT 11-2-09

Page 9 of 22

(Note to reviewer: The following is considered optional marketing language.)

· · · · · · · · · · · · · · · · · · ·	OF SURFACES:) washable hard, nonporous surfaces of:		
Appliances, exteriors of	Sealed granite		
Bathroom fixtures	Sealed limestone		
Bathtubs (Fiberglass)	Sealed marble		
Cabinets	Sealed slate		
Cages	Sealed stone		
Chairs	Sealed terra cotta		
Coils and drain pans of air conditioning and refrigeration equipment and heat pumps	Sealed terrazzo		
Conductive flooring	Stainless steel		
Counters (countertops)	Upholstery, vinyl and plastic		
Countertop laminates	Woodwork, finished		
Desks			
Doorknobs	Non-critical medical device surfaces:		
Floors	Beds [Medical] [Hospital]		
Foot Spas	Bed frames		
Garbage cans	Bed rails		
Highchairs	Crutches		
Kennel runs	Defibrillators		
Microwave ovens, exteriors of	Gurneys		
Outdoor furniture except cushions and wood frames	Non-critical [hospital] [medical] equipment surfaces		
Refrigerators, exteriors of	[Medical] Examining tables		
Refrigerated storage and display equipment	[Medical] [Hospital] Lamps		
Telephones	[Medical] [Hospital] Scales		
Other hard nonporous surfaces made of:			
Glazed ceramic	Resuscitators		
Glazed enameled surfaces	Stands		
Glazed porcelain	Stretchers		
Laminated Surfaces	Stethoscopes		
Metal	Walkers		
Plastic (such as polystyrene or polypropylene)	Wheel chairs		

Formulation HWS-32 (Note to reviewer: Language in [] is EPA Reg. No. 47371-192 EPA Stamped Label 5-7-08 with 12-16-08 Notification, DRAFT 11-2-09

(Note to reviewer: Language in [] is optional or interchangeable)

Page 10 of 22

DIRECTIONS FOR USE

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

PELIGRO: SI NO PUEDE LEER EN INGLES, PREGUNTE A SU SUPERVISOR SOBRE LAS INSTRUCCIONES DE USO APROPIADAS ANTES DE TRABAJAR CON ESTE PRODUCTO.

DILUTION: 1:32	4 ounces per gallon of water
(660 ppm quat)	8 ounces per 2 gallons of water
	12 ounces per 3 gallons of water
	16 ounces per 4 gallons of water
	20 ounces per 5 gallons of water

[To [remove] [insert] [the] [dispenser system name] container place hand securely under the container, slide release lever to the right and pull the container out]

(Note for reviewer: For labels that list medical premises and metal and / or stainless steel surfaces, one of the following statements must be used:)

This product is not to be used as a terminal sterilant / high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. [This product may be used to pre-clean or decontaminate critical or semicritical devices prior to sterilization or high-level disinfection.]

This product is not for use on medical device surfaces.

DISINFECTION / CLEANING / DEODORIZING DIRECTIONS: Remove heavy soil deposits from surface, then thoroughly wet surface with a use-solution of 4 ounces of the concentrate per gallon of water. (Use 16 oz per gallon of water to kill Adenovirus Type 7). Apply with a cloth, mop, sponge, or coarse spray or by soaking. For sprayer applications, use a coarse spray device. Spray 6 – 8 inches from the surface; rub with a brush, cloth or sponge. Do not breathe spray. Let solution remain on surface for a minimum of 10 minutes. Rinse or allow to air dry. Rinsing of floors is not necessary unless they are to be waxed or polished.

(Note for reviewer: One of the following statements must be used:)

Food contact surfaces must be thoroughly rinsed with potable water. This product must not be used to clean the following food contact surfaces: utensils, glassware and dishes:

This product is not for use on food contact surfaces.

(Note to reviewer: Language in [] is optional or interchangeable) Page 11 of 22 3333

Formulation HWS-32 EPA Reg. No. 47371-192

(Note to reviewer: one of the following two statements will be used:)

BACTERICIDAL STABILITY OF USE-DILUTION: Tests confirm that Formulation HWS-32, when diluted in 400 ppm hard water [via use of automatic dispensing devices], remains effective against Pseudomonas aeruginosa, Staphylococcus aureus and Salmonella enterica for [up to 7 days] [for up to one week] [for up to one month] [for up to 2 months] [for up to 3 months] [up to 4 months] [up to 5 months] [up to 6 months] [up to 7 months] [up to 8 months] [up to 9 months] [up to 10 months] [up to 11 months] [up to 12 months] [for up to one year] when stored in a sealed container such as a spray bottle. If product becomes visibly dirty or contaminated, the use-dilution must be discarded and fresh product prepared. Always use clean, properly labeled containers when diluting this product. Bactericidal stability of the usedilution does not apply to open containers such as buckets or pails. [or]

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

TOILET BOWLS [/ URINALS]: Swab bowl with brush to remove heavy soil prior to cleaning or disinfecting. Clean by applying diluted solution around the bowl and up under the rim. Stubborn stains may require brushing. To disinfect, first preclean to remove heavy soil, then remove or expel over the inner trap the residual bowl water. Pour in three ounces of the diluted solution. Swab the bowl completely using a scrub brush or mop, making sure to get under rim. Let stand for 10 minutes or overnight, then flush.

FUNGICIDAL DIRECTIONS:

For use in areas such as locker rooms, dressing rooms, shower and bath areas and exercise facilities follow disinfection directions.

MILDEWSTATIC INSTRUCTIONS: Will effectively control the growth of mold and mildew, plus the odors caused by them when applied to hard, nonporous surfaces such as walls, floors and table tops. Apply use-solution of 4 ounces per gallon of water with a cloth, mop, sponge or coarse spray. Make sure to wet all surfaces completely. Let air dry. Repeat application weekly or when growth reappears.

To control the growth of mold and mildew on large inflatable non-porous plastic and rubber structures (animals, promotional items, moonwalks, obstacle course play and exercise equipment): Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with a use solution of 4 ounces per gallon of water with a cloth, mop, sponge, or coarse spray. Make sure to wet all surfaces completely. Let air dry. Repeat application weekly or when growth reappears. Ventilate buildings and enclose spaces. Do not use equipment until treatment has been absorbed, set or dried.

Formulation HWS-32 EPA Reg. No. 47371-192

(Note to reviewer: Language in [] is optional or interchangeable)

EPA Stamped Label 5-7-08 with 12-16-08 Notification, DRAFT 11-2-09

Page 12 of 22

CLEANING AND DISINFECTING HARD NONPOROUS SURFACES ON PERSONAL PROTECTIVE EQUIPMENT (RESPIRATORS):

Preclean equipment if heavily soiled to ensure proper surface contact. Add 4 oz. of Formulation HWS-32 to one gallon of water. Gently mix for a uniform solution. (Use 16 oz per gallon of water to kill Adenovirus Type 7). Apply solution to hard, nonporous surfaces of the respirator with a brush, coarse spray device, sponge, or by immersion. Thoroughly wet all surfaces to be disinfected. Treated surfaces must remain wet for 10 minutes. Remove excess solution from equipment prior to storage. Comply with all OSHA regulations for cleaning respiratory protection equipment (29 CFR §1910.134).

*KILLS HIV-1 (AIDS VIRUS) AND HBV (HEPATITIS B VIRUS) AND HCV (HEPATITIS C VIRUS) ON PRECLEANED, ENVIRONMENTAL SURFACES / OBJECTS PREVIOUSLY SOILED WITH BLOOD / BODY FLUIDS in health care settings or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood / body fluids, and in which the surfaces / objects likely to be soiled with blood / body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type I (HIV-1) (associated with AIDS) or Hepatitis B Virus (HBV) or Hepatitis C Virus (HCV).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 (AIDS VIRUS) OR HBV OR HCV OF SURFACES / OBJECTS SOILED WITH BLOOD / BODY FLUIDS:

Personal Protection: Disposable protective gloves, gowns, face masks and eye coverings, as appropriate, must be worn during all cleaning of blood / body fluids and during decontamination procedures.

Cleaning Procedures: Blood / body fluids must be thoroughly cleaned from surfaces / objects before application of disinfectant.

Contact Time: HIV-1 (AIDS virus) is inactivated after a contact time of 4 minutes at 25°C (77°F) (room temperature). HBV and HCV are inactivated after a 10 minute contact time. Use a 10-minute contact time for all other viruses, fungi and bacteria listed.

Disposal of Infectious Materials: Blood / body fluids should be autoclaved and disposed of according to federal, state and local regulations for infectious waste disposal.

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

Mix 4 oz. of Formulation HWS-32 per gallon of water (or equivalent dilution) to disinfect hard, nonporous instruments and tools. (Use 16 oz per gallon of water to kill Adenovirus Type 7). Completely immerse combs, brushes, rollers, razors, scissors, blades, manicure, pedicure 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 spiled.

Note: Plastics may (can) 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?

Formulation HWS-32 EPA Reg. No. 47371-192 EPA Stamped Label 5.7.0 (Note to reviewer: Language in [] is optional or interchangeable)

EPA Stamped Label 5-7-08 with 12-16-08 Notification, DRAFT 11-2-09

Page 13 of 22

DISINFECTION OF HARD, NONPOROUS SURFACES IN FOOTBATHS

To remove body oils, dead tissue, soil and all other buildups or organic matter on inanimate surfaces after using the footbath, drain the water and thoroughly clean all hard, non-porous surfaces with soap or detergent, then rinse with water. Saturate surfaces with a use solution of 4 ounces per gallon of water (or equivalent use dilution) to exposed surfaces with a cloth, mop, sponge or sprayer. (Use 16 oz per gallon of water to kill Adenovirus Type 7). For spray applications, use a coarse spray device. Do not breathe spray. Brush or swab thoroughly and allow solution to stand for 10 minutes. After the unit has been thoroughly disinfected, rinse all surfaces with fresh water. Do not use equipment until treatment has been absorbed, set or dried.

CLEANSING OF BODY SURFACES AND BODY ORIFICES OF HUMAN REMAINS: This product removes body secretions, soil, and blood, along with their accompanying malodor, from the surfaces and orifices of human remains. Using a sponge or washcloth, bathe the entire body with a use-solution of 4 ounces per gallon of water. (Use 16 oz per gallon of water to kill Adenovirus Type 7). A soft handbrush may be employed on surfaces other than the face. Use fresh solution for each (cadaver) remains or when solution becomes visibly dirty or diluted.

FARM PREMISE, LIVESTOCK, POULTRY & TURKEY HOUSE DISINFECTANT

DILUTION: 1:32 4 ounces per gallon of water

(Use 16 oz per gallon of water to kill Adenovirus Type 7).

- 1. Remove all animals and feeds from premises, trucks, coops, crates and enclosures.
- 2. Remove all litter and manure from floors, walls, and surfaces of barns, pens, stalls, chutes, vehicles, and other facilities and fixtures occupied or traversed by animals.
- 3. Empty all troughs, racks, and other feeding and watering appliances.
- 4. Thoroughly clean all surfaces with soap or detergent, then rinse with water.
- 5. Saturate all surfaces with the disinfecting solution for a period of 10 minutes.
- 6. 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.
- 7. Ventilate buildings, coops, cars, trucks, boats and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried.
- 8. After treatment with disinfectant, thoroughly scrub feed racks, troughs, automatic feeders, fountains and waterers with soap or detergent, then rinse with potable water before reuse

(Note to reviewer: Language in [] is optional or interchangeable)

Formulation HWS-32 EPA Reg. No. 47371-192

EPA Stamped Label 5-7-08 with 12-16-08 Notification, DRAFT 11-2-09

Page 14 of 22

170F2Y

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, catteries, etc. 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 4 oz. of **FORMULATION HWS-32** per gallon of water [or equivalent dilution] for a period of 10 minutes. (Use 16 oz per gallon of water to kill Adenovirus Type 7). Wipe or allow to air dry. Immerse all animal handling and restraining equipment as well as forks, shovels, and scrapers used to remove litter and manure. Ventilate buildings and other closed spaces. Thoroughly scrub all treated surfaces that come into contact with food, including equipment used for feeding or watering, with soap or detergent and rinse with potable water before reuse. Do not house animals or employ equipment until treatment has been absorbed, set or dried.

For Heavy Duty Cleaning and / or Odor Control: When greater cleaning is desired, use 8 - 16 oz. of Formulation HWS-32 per gallon of water. Heavily soiled areas may require repeated cleaning before treatment.

CITRUS CANKER DISEASE CONTROL

For prevention of Citrus Canker Disease through treatment of equipment. Effective against Xanthomonas axonopodis pv. citri (Citrus Canker Disease) at 2000 ppm active quat. Treatments can be applied to trucks, attached trailers, and field equipment including cargo area, wheels, tires, undercarriage, hood, roof, fenders, and any other hard nonporous equipment taken into infested areas.

Saturate surfaces with a 2:21 (1:10 1/2) use-dilution [12 1/8 oz. per gallon of deionized water] [or equivalent dilution] [2000 ppm active quat] for a period of 10 minutes. Allow to air dry. All surfaces that come in contact with food or crop must be rinsed with potable water before reuse. To prevent the spread of Citrus Canker Disease by this artificial means of transportation, treatments are made by trigger spraying, dipping or brushing. Thoroughly rinse or launder clothing before reuse. Rinse footwear before reuse.

Formulation HWS-32 is effective at eliminating odors on porous surfaces such as drapes, carpets, bedding, shower curtains and non-porous surfaces such as walls and floors. Excellent for fire restoration.

Other suggested Uses: Homes, Veterinary Clinics, Fish Markets, Kennels, Trash Compactors, Offices, Beauty Salons, Locker Rooms, Health Spas, Conference grooms, Elevators, Smoking Areas, Lounges, Day Care Centers, Dry Cleaners, Theaters, Farms, Auditoriums and Churches.

Deodorizing directions:

Nursing Homes, Hospitals, Hotels, Schools, Restaurants: Using 4 ozdán chemical toilets, waste receptacles, bed pans, drainage bottles, diaper pails, hampers, disposals, commodes

Formulation HWS-32 EPA Reg. No. 47371-192 (Note to reviewer: Language in [] is optional or interchangeable)

EPA Stamped Label 5-7-08 with 12-16-08 Notification, DRAFT 11-2-09

Page 15 of 22

and air conditioner pans will eliminate odors.

Mopping Solutions, Automatic Scrubbers: Use 4 oz. per gallon of cleaning solution to eliminate undesirable odors.

Laundry: 4 oz. per load added during the final rinse cycle deodorizes all offensive odors.

Air Freshener/Automotive Uses: 16 oz. per gallon of water will effectively neutralize damp musty odors caused by mildew in storage areas, basements, closets and bathrooms. Effective on smoking and cooking odors (garlic, fish, onions, etc.). Automobile odors from tobacco, musty carpet smell and beverage smells will be eliminated.

Carpets: 4 oz. per gallon of shampoo solution eliminates odors associated with urine, vomit, smoke, and mildew. Reapply after cleaning for freshening effects. Allow to dry.

RV Holding Tanks: Toilet waste: cover bottom of holding tank with water and add 4 oz. If odors return before time to empty, simply add 4 oz. to the tank. Kitchen waste: ½ oz. of Formulation HWS-32 to gray water tank as needed to control malodors created by dirty dish water.

Pet Odors: Use 16 - 24 oz. per gallon of water for urine, feces, and vomit, in carpet and upholstery. Clean prior to application then spray onto affected areas. Test hidden area for colorfastness. Allow 10 minutes contact time. Then blot with clean cloth. Allow to dry. Also effective on pet bedding and litter boxes.

Sewage Backup, Water, Smoke Damage: Use 8 – 16 oz. per gallon of water. Spray over affected areas before and after cleaning and extraction. Allow ten minutes contact time. Use proper ventilation; open windows.

Cleaning Solution: Dilute 4 oz. per gallon of water for cleaning of kitchen counters, tables, walls, bathrooms, toilet seats, mopping floors and large routine applications.

Formulation HWS-32 EPA Reg. No. 47371-192 EPA Stamped Label 5-7-08 with 12-16-08 Notification, DRAFT 11-2-09

(Note to reviewer: Language in [] is optional or interchangeable)

WATER, SMOKE DAMAGE RESTORATION AGAINST ODOR-CAUSING BACTERIA AND FUNGI FOR HOME, INSTITUTIONAL, INDUSTRIAL AND HOSPITAL USE:

This product is particularly suitable for use in water damage restoration situations against odor causing bacteria on the following porous and semi-porous materials: carpets, carpet cushions, subfloors, drywall, concrete, brick, trim and frame lumber, tackless strip and paneling. Using appropriate dilution, saturate the affected materials with enough product to remain wet for at least 10 minutes.

Sewer Backup and River Flooding: During mitigation procedures, dilute 4 oz. of the concentrate per gallon of water, allowing for the diluting effect of absorbed water within saturated materials. Remove gross filth or heavy soil along with non-salvageable materials. Saturate all affected areas with a coarse spray device before and after cleaning and extraction. Carpets, Carpet Cushions and Other Porous Materials such as Subfloors, Drywall, Concrete, Brick, Trim and Frame Lumber, Tackless Strip and Paneling: For water damage from a clean source, extract excess water. Test hidden area for colorfastness. Dilute 4 oz. of the concentrate per gallon of water, allowing for the diluting effect of absorbed water within saturated materials. Remove gross filth or heavy soil. Saturate all affected areas with a coarse spray device. Roll, brush or agitate into the materials and allow materials to remain wet for 10 minutes. Follow with a thorough extraction. Dry rapidly and thoroughly.

Special instructions For Cleaning Carpet Against Odor Causing Bacteria: Use this product in industrial and institutional areas such as homes, motels, hotels, nursing homes, schools, and hospitals. Use on wet-cleanable synthetic fibers. Do not use on wool. Vacuum carpet thoroughly prior to cleaning. Test fabric for colorfastness. For portable extraction units: Mix 4 oz. of concentrate per gallon of water. For truck mounted extraction machines: Mix 4 – 8 oz. of concentrate per gallon of water and meter at 4 gallons per hour. For rotary floor machines: Mix 4 oz. of concentrate per gallon of water and apply at the rate of 300 - 500 sq. ft. per gallon. Do not mix this product with other cleaning products. Follow the cleaning procedures specified by the manufacturer of the cleaning equipment. After using the product, set the carpet pile and protect the carpet from furniture legs and bases while drying. Do not over-wet. If applied to stain resistant nylon carpet, apply a fabric protector according to the manufacturer's directions.

Formulation HWS-32 EPA Reg. No. 47371-192 EPA Stamped Label 5-7-08 with 12-16-08 Notification, DRAFT 11-2-09

(Note to reviewer: Language in [] is optional or interchangeable)

Page 17 of 22

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

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: Language in [] is optional or interchangeable)

Formulation HWS-32 EPA Reg. No. 47371-192

EPA Stamped Label 5-7-08 with 12-16-08 Notification, DRAFT 11-2-09

Page 18 of 22

(Note to reviewer: For Nonrefillable Containers, Container is one gallon or less, Label has anv uses other than Household and 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 ¼ 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 ¼ 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

Formulation HWS-32 EPA Reg. No. 47371-192 EPA Stamped Label 5-7-08 with 12-16-08 Notification, DRAFT 11-2-09

(Note to reviewer: Language in [] is optional or interchangeable)

Page 19 of 22

(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:

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

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 emptvina.

(Plastic Containers:) Then offer for recycling if available or puncture and dispose in sanitary landfill or by other procedures approved by state and local authorities. 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. If not tripled rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state, and federal regulations.

(Metal Containers:) Then offer for recycling if available or puncture and dispose in sanitary landfill or by other procedures approved by state and local authorities. 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. If not tripled 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:) 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.

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Formulation HWS-32 EPA Reg. No. 47371-192

EPA Stamped Label 5-7-08 with 12-16-08 Notification, DRAFT 11-2-09

Page 20 of 22

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

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. . Refillable container. Refill this container with [this product] only. Do not reuse this container for any other purpose. Cleaning before refilling is the responsibility of the refiller.

Pesticide Storage:

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

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.

FINAL CONTAINER DISPOSAL

Clean container promptly after emptying. Cleaning the container before final disposal is the responsibility of the person disposing of the container

(Plastic or Metal Containers:) To clean the container before final disposal empty remaining contents from container for use according to use directions and triple rinse 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.

Formulation HWS-32 EPA Reg. No. 47371-192 (Note to reviewer: Language in [] is optional or interchangeable)

EPA Stamped Label 5-7-08 with 12-16-08 Notification, DRAFT 11-2-09

Page 21 of 22

240F24

SECONDARY CONTAINER LABEL

(Note to reviewer: This secondary container label will be used only when the product is diluted in accordance with the use directions)

FORMULATION HWS-32

(EPA Reg. No. 47371-192)

Active Ingredients:	
Didecyl dimethyl ammonium chloride	1.27%
n-Alkyl (C ₁₄ 50%, C ₁₂ 40%, C ₁₆ 10%)	
dimethyl benzyl ammonium chloride	0.85%
Inert Ingredients:	. <u>97.88%</u>
Total:	100.00%

The product in this container is diluted as directed on the pesticide product label.

KEEP OUT OF REACH OF CHILDREN CAUTION

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

Follow the directions for use on the pesticide label when applying this product

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EPA Stamped Label 5-7-08 with 12-16-08 Notification, DRAFT 11-2-09

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