

88089-4

9/27/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D C 20460

OFFICE OF
PREVENTION PESTICIDES AND
TOXIC SUBSTANCES

SEP 27 2012

Mr Richard Collier
Regulatory Specialist for,
BioMed Protect, LLC
13475 Lakefront Drive
Saint Louis, MO 63045

Mail to Mr Richard Collier
Landis International Inc
3185 Madison Highway
P O Box 5126
Valdosta, GA 31603-5126

Subject Peridox RTU
EPA Registration Number 88089 4
Your Amendment Dated May 25, 2012
EPA Received Date May 30, 2012

The amendment referred to above, submitted in connection with under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act, FIFRA, as amended, to add the Duck Hepatitis B virus to the product labeling, is acceptable

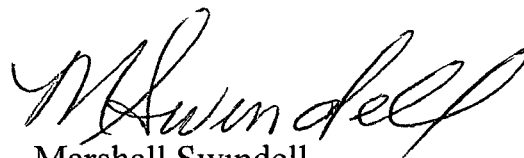
The submitted efficacy data support the use of the product, Peridox RTU, as a disinfectant with virucidal activity against Duck Hepatitis B virus on hard, non-porous surfaces in the presence of a 5% organic soil load for 2-minute contact time

A stamped copy of the labeling is enclosed

Submit and/or cite all data required for registration /reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data

If the above conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e) Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions

Sincerely,



Marshall Swindell
Product Manager 33
Regulatory Management Branch I
Antimicrobial Division(7510P)

PeridoxRTU®

MASTER LABEL

Peridox RTU®

[disinfectant][sterilant][sporicide][sanitizer][microbicide][virucide][fungicide][sporicidal disinfectant][antimicrobial solution][mold killing antimicrobial solution] [bactericidal]

ACTIVE INGREDIENTS

Hydrogen Peroxide	4 40%
Peroxyacetic Acid	0 23%
Other Ingredients	95 37%
Total	100 00%

KEEP OUT OF REACH OF CHILDREN

WARNING

ADVERTENCIA

Si usted no entiende la etiqueta busque a alguien para que se la explique a usted en detalle
(If you do not understand the label find someone to explain it to you in detail)

FIRST AID	
IF IN EYES	<ul style="list-style-type: none"> • 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 • Call a poison control center or doctor for treatment advice
IF SWALLOWED	<ul style="list-style-type: none"> • 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 by a poison control center or doctor • Do not give anything to an unconscious person
Have the product container or label with you when calling a poison control center or doctor or going for treatment	
For emergency information on product, use, etc , call the National Pesticides Information Center at 1 800 858 7378,6 30 am to 4 30 pm Pacific Time (PT), seven days a week During other times, call the poison control center 1 800 222 1222	

See back [side] [left] [right] panel [of label] for additional precautionary statements and first aid statements

EPA Reg No 88089-4
EPA Est No 88089 MO 1
87720 MO 1
67811 MO 1
4313 TX 1

Net Contents
Peridox RTU® is a trademark of BioMed Protect, St Louis MO USA
Patents pending
{lot code and expiration date may appear on container or label}

Manufactured for **BioMed Protect LLC**
13475 Lakefront Drive
St Louis MO 63045

ACCEPTED
with COMMENTS
in EPA Register Dated
SEP 27 2012

Under the Federal Insecticide
Fungicide and Rodenticide Act as
amended or the pesticide
registered under EPA Reg No **88089-4**

[CLAIMS]

- For disinfection of hard non porous surfaces
- For sanitizing rinse on previously cleaned hard non porous [non food] food contact surfaces
- For sanitizing hard non porous surfaces
- Peridox RTU® is a ready to use product that cleans disinfects and deodorizes
- Cleaning and [deodorizing] [deodorization]
- Eliminate odors associated with bacteria mold mildew
- Prevent mold and mildew stains and odors
- Use Peridox RTU® to disinfect and sanitize hard non porous surfaces and as a sanitizing rinse on previously cleaned hard non porous non food and food contact surfaces
- For use in Mold Remediation on hard non porous surfaces AND porous surfaces

MOLD CONTROL

- To kill *Aspergillus niger* on hard non porous surfaces such as floors tabletops benchtops drain troughs drip pans desks locker room benches and hard non porous bath mats (e.g. rubber or plastic)
- Used to treat porous surfaces such as wood tile grout drywall ceiling tile carpets upholstery cubical walls wallpaper posting boards in buildings and offices to kill mold
- For use in Mold Remediation on porous surfaces AND hard non-porous surfaces such as floors tabletops benchtops drains troughs drip pans desks locker room benches and hard non porous bath mats (e.g. rubber or plastic)
- Will not damage most surfaces
- Disinfectant for Surfaces in Pharmaceutical and Cosmetic Processing Facilities
- Sterilant/Disinfectant for Non patient Contact for Healthcare and Veterinary Facilities
- Sporocidal disinfectant to kill *Clostridium difficile* [in 3 minutes] on hard non porous inanimate surfaces
- Virucidal on hard non porous inanimate surfaces
- Combination disinfection & cleaning on hard non porous inanimate surfaces
- Tuberculocidal on hard non porous inanimate surfaces
- Delivers antimicrobial activity on yeast mildew molds fungi viruses and bacteria as identified [in the times identified] in the Organism [Table] [Chart] in the following section of this label and for uses and in sites as specified in the following directions for use

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with COMMENTS
in LIA Letter Dated
SEP 27 2014

Under the Federal Insecticide
Fungicide and Rodenticide Act as
amended for the pesticide
registered under EPA Reg. No. 88089-4

{Sporicidal claims}

- Helps reduce [*C diff*] [*C difficile*] [*Clostridium difficile*] spores [and] [MRSA] [CA MRSA] [VRE] [PRSP] [and] [blood borne pathogens] occurrence [on surfaces]'
- Kills [more than] 99 9999% [*C difficile*] [*Clostridium difficile*] [spores] in [just] 3 [minutes] [min]'
- Kills more than 99 9999% *Clostridium difficile* spores on hard non porous inanimate surfaces in just 3 minutes while helping to reduce the occurrence of *C difficile* spores MRSA (disinfection in 2 minutes) CA MRSA VRE and PRSP on surfaces'
- Kills [*C difficile* spores] [*Clostridium difficile* spores] in 3 minutes
- Sporicide Sporicidal disinfectant Virucidal Bactericidal Fungicidal and Tuberculocidal
- Kills [more than] 99 9999% [*Bacillus subtilis*] [*B subtilis*] [*Bacillus*] [and] [*Clostridium sporogenes*] [*Clostridium*] [*C sporogenes*] [spores] in 45 [minutes] [min]'
- Kills [bacteria] [fungal spores] [mold] [TB] [viruses] on surfaces
- Kills [bacteria] [fungi] [spores] [viruses]
- [Kills] [*C difficile*] [*Clostridium difficile*] spores [and] [MRSA]

{Fungicidal and Mold Control claims}

- PeridoxRTU® [mold killer] [mildew cide] kills [*Aspergillus niger*] mold spores
- PeridoxRTU® fungicide kills [*Aspergillus niger*] [and] [*Trichophyton mentagrophytes*] [(athlete s foot fungus)] on hard surfaces in 1 minute

{General efficacy claims}

- Can help reduce the risk of cross contamination on treated surfaces
- [Cleans] [Disinfects] and [Deodorizes]
- *C difficile* spore disinfection in 3 minutes
- MRSA disinfection in 2 minutes
- Kills {insert organism from the Organism chart as appropriate} in 2 minutes
- PeridoxRTU® [Microbicide] [Disinfectant] [Sanitizer] [Sporicide] [Bactericide] [Sporicidal Disinfectant] [Sterilant] [Virucide] [is effective against the following the following organisms at the following contact times {insert organism name and contact time from the Organism chart as appropriate to "Microbicide " "Disinfectant " "Sanitizer " "Sporicide " "Bactericide " "Sporicidal Disinfectant " "Sterilant " or "Virucide " }
- Disinfects [against] [organism] in [just] 2 minutes
- Disinfects hard non porous [environmental] surfaces listed on this label
- [Kills] [Sanitizes] *S aureus* and *K pneumoniae* in 30 seconds
- [Kills] [Sanitizes] *E coli* and *S aureus* on pre cleaned non porous food contact surfaces in 30 seconds
- Powerful enough to [disinfect] [sanitize] [sterilize]
- This product kills bacteria, fungal spores mold TB and viruses on surfaces

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with COMMENTS
in LPA Letter Dated.

SEP 27 2012

{General claims}

- Does not contain bleach Does not contain alcohol
- Bleach free Alcohol free
- Bleach and alcohol free
- One [1] Step Cleaner Disinfectant
- Cleaner
- No [annoying] [discomforting] bleach odor
- [Clean] [fresh] [apple] [floral] [ocean] [ocean fresh] [scent] [smell]
- Peridox RTU® [Microbicide] [Disinfectant] [Sanitizer] [Sterilant] [Sporicide] [Sporicidal Disinfectant] is ready to use
- Ready to use [Microbicide] [Disinfectant] [Sanitizer] [Sterilant] [Sporicidal Disinfectant]
- No mixing required This product is ready to use

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in EPA Letter Dated
SEP 27 2012

Under the federal Insecticide
Fungicide and Rodenticide Act as
amended for the pesticide
registered under EPA Reg No. 88089-4

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Effective against a wide range of bacteria, viruses and fungi including	
DISINFECTANT	Bactericidal (2 minutes) <i>Enterobacter aerogenes (ATCC 13048) Listeria monocytogenes (ATCC 19111) Pseudomonas aeruginosa (ATCC 15442) Salmonella typhimurium (ATCC 13311) Staphylococcus aureus (ATCC 6538) Vibrio cholerae (ATCC 14035) Salmonella enterica (ATCC 10708) Acinetobacter baumannii (ATCC 19606) Campylobacter jejuni (ATCC 29428) E coli O157 H7 (ATCC 35150) E coli ESBL (ATCC BAA 196) Enterococcus faecalis Vancomycin Resistant (VRE)(ATCC 51299) Enterococcus hirae (ATCC 10541) Haemophilus influenzae (ATCC 19418) Klebsiella pneumoniae (ATCC 4352) Legionella pneumophila (ATCC 33153) Proteus vulgaris (ATCC 27973) Serratia marcescens (ATCC 13880) Shigella sonnei (ATCC 11060) Methicillin Resistant Staphylococcus aureus –MRSA (ATCC 33592) Community Acquired Methicillin Resistant Staphylococcus aureus (CA MRSA)(Genotype 300) Streptococcus pneumoniae Penicillin Resistant (PRSP) (ATCC 700671) Streptococcus pyogenes (ATCC 19615)</i>
	Tuberculocidal (5 minutes) <i>Mycobacterium bovis</i>
	Virucidal (2 minutes) Hepatitis B Virus <i>Avian Influenza Virus A (H3N2) (ATCC VR 2072) Human Coronavirus (ATCC VR 740) Adenovirus Type 2 (ATCC-846) Avian influenza Virus H5N1 (NIBRG 14) Herpes Simplex Virus Type 1 (ATCC VR 260) Herpes Simplex Virus Type 2 (ATCC VR 734) Human Immunodeficiency Virus Type 1 (HIV-1 Zeptomatrix Corp) Influenza Virus Type A (ATCC VR 544) Influenza A(H1N1)(ATCC VR 1469 Strain A/PR/8/34) Influenza Virus Type B (ATCC VR 823) Norovirus (F Calicivirus) (ATCC VR 782) Poliovirus type 1 (ATCC VR 1562) Reovirus (ATCC VR 232) Respiratory syncytial virus (RSV) (ATCC VR 26) Rhinovirus (ATCC VR 338) Rotavirus (Strain WA)</i>
	Sporicidal Activity of Disinfectant (3 minutes) <i>Clostridium difficile spores (ATCC 43598)</i>
	Fungicidal/Mold Killing (1 minute hard surfaces) <i>Aspergillus niger (ATCC 16404) Candida albicans (ATCC 10231) Trichophyton mentagrophytes (athlete s foot fungus) (ATCC 9533)</i>
	Mold-killing (10 minute) Porous Surfaces <i>Aspergillus niger</i>
	30 seconds on hard, inanimate non food contact surfaces <i>Staphylococcus aureus (ATCC 6538) Klebsiella pneumoniae (ATCC 4352)</i>
	30 seconds on pre cleaned, food contact surfaces <i>Escherichia coli (ATCC 11229) Staphylococcus aureus (ATCC 6538)</i>
STERILANT	(45 minutes @ room temperature) <i>Bacillus subtilis (ATCC 19659) Clostridium sporogenes (ATCC 3684)</i>

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[Disinfectant for use on] [Disinfects] hard non porous surfaces in *{sites will be selected from the following}* Hospitals and Health Care Facilities such as Clinics Dental Offices Hospices Laboratories Nursing Homes Acute Long Term Care and Long Term Care Facilities Physical Therapy Doctor's Offices Radiology Rehabilitation and Transport Vehicles Critical Care Areas such as Critical Care Unit (CCU) Emergency Room ICU Neonatal Intensive Care Unit (NICU) Operating Rooms Outpatient Surgery Centers Pediatric Intensive Care Unit (PICU) Surgery and Emergency Medical Services [EMS] Other Sites such as Schools Colleges Day care Centers Child care Facilities Correctional Facilities Hospitality establishments such as Hotels Motels and Cruise Ships Veterinary Clinics Animal Life Science Laboratories Funeral Homes and Morgues Research Laboratories Industrial Facilities Pharmaceutical Production Facilities Cosmetic Processing Facilities Consumer Home Use Dining Areas (non food contact surfaces) Office Buildings Recreational Facilities Retail and Wholesale Establishments Prisons Animal Care Facilities Veterinary Facilities Farms Livestock Quarters Poultry Premises Poultry Houses and Hatcheries and vehicles including ships planes automobiles trucks ambulances trains and farm vehicles

Hospital Healthcare and Critical Use Sites [May be used on hard non porous surfaces of] *{sites will be selected from the following}* autoclaves bed railings blood glucose monitors cabinets carts chairs counters exam tables gurneys isolettes infant incubators and care cribs IV poles phlebotomy trays PVC tubing stethoscopes stretchers tables bathrooms sinks faucets toilet seats [and rims] towel dispensers hand railings stall doors bath tubs showers hampers tiled walls telephones door knobs vanities floors non porous shelves and display cases

Hard non porous external surfaces of *{sites will be selected from the following}* ambulance equipment diagnostic equipment dialysis machines mammography equipment patient monitoring equipment respiratory equipment ultrasound transducers and probes patient support and delivery equipment [Peridox_RTU® solution [is compatible with] [will not harm] *{surfaces will be selected from the following}* aluminum LDPE HDPE vinyl painted surfaces polycarbonate polypropylene polyurethane varnish PVC silicone rubber stainless steel medical tubing vinyl rubber acrylic brass LCD screens copper Corian® glass laminate flooring and countertops nickel glazed porcelain glass and glazed tile]

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with 100% LITS
in EPA Label dated
SEP 27 2012
Under the Federal Insecticide
Fungicide and Rodenticide Act as
amended for the pesticide
registered under EPA Reg No. 88089-4

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Causes substantial but temporary eye injury Do not get in eyes or on clothing Wear protective eyewear such as goggles face shield or safety glasses Harmful if swallowed Wash thoroughly with soap and water after handling and before eating drinking chewing gum using tobacco or using the toilet Remove and wash contaminated clothing before reuse

PHYSICAL AND CHEMICAL HAZARDS This product contains an oxidizing agent Avoid contact with other sanitizers cleaners or organic substances

ENVIRONMENTAL HAZARDS This pesticide is toxic to birds 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 appropriate dilution

DIRECTIONS FOR USE

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

Peridox RTU® microbicide can be used for disinfection sterilization sanitization mold killing and remediation mold and mildew control This product must be used only as directed in this label

This product is a "ready to use" liquid comprised of 4 4% concentration of hydrogen peroxide and 0 23% concentration of peroxyacetic acid and it **should be used at full strength and should not be diluted before use**

Before using this product read the entire label

Peridox RTU® microbicide can be applied to hard non porous surfaces such as counter tops tables furniture cabinets appliances kitchen and bathroom fixtures furnishings hardware floors walls equipment tabletops benchtops drip pans troughs desks [and] locker room benches[and the use sites listed on page ()] For heavily soiled areas pre cleaning is required

Apply the Peridox_RTU® microbicide to the contaminated surface with a spray applicator device at an application rate of greater than 50 ml/m² (approximately 1 5 fluid oz of the 'ready to use" Peridox RTU® liquid per square yard) or by other means that ensure that the surface is wet (for example by wiping with a clean cloth or sponge that is wet with Peridox RTU® liquid) or by soaking the contaminated surface and allowing it to remain on the surface for the indicated contact time Spray or soak the surface with a sufficient amount of Peridox RTU® solution to

ACCEPTED with COMMENTS in EPA Letter Dated. SEP 27 2012

remain on surface for the indicated contact time before evaporation. Air dry or remove with a dry clean cloth or wipe

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with
in SEP 2012 Dated

DISINFECTION

SEP 27 2012
Under the Federal Insecticide
Fungicide and Rodenticide Act as
amended for the pesticide
Supplemental and Classification 88089-4

Use Peridox RTU® microbicide [as a] [disinfectant] in Hospitals Suites Housekeeping Services Physical Therapy Departments Nursing Services [and] Autopsy Facilities[as well as the use sites listed on page ()]

Use Peridox RTU® microbicide [as a] [disinfectant] in nursing homes health care facilities schools colleges day care centers child care facilities veterinary clinics animal life science laboratories industrial facilities dining areas (non food contact surfaces) office buildings recreational facilities retail and wholesale establishments[as well as the use sites listed on page ()]

Use Peridox RTU® microbicide [as a] [disinfectant] in transport vehicles including ships planes automobiles trucks trains and EMS

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 semi critical medical devices prior to sterilization or high level disinfection

Combination Disinfection and Cleaning

Peridox RTU® [microbicide] [disinfectant] [liquid] [is effective against] [kills] *Staphylococcus aureus Salmonella enterica Enterobacter aerogenes Salmonella typhimurium Listeria monocytogenes Vibrio cholerae and Pseudomonas aeruginosa* [and other bacteria listed in the Chart] on hard non porous surfaces For heavily soiled areas a pre cleaning step is required Apply PeridoxRTU® [microbicide] [disinfectant] [liquid] with a spray applicator device or other means that ensures that the surface is thoroughly wet Allow surfaces to remain wet for **2 minutes** then wipe with a dry clean cloth If the Peridox RTU® [microbicide] [disinfectant] [liquid] becomes soiled (i.e. is not visibly clear) or diluted replace and use fresh Peridox RTU® [microbicide] [disinfectant] [liquid]

Virucidal Peridox RTU® [microbicide] [disinfectant] [liquid] is effective [virucide] against [kills] [the viruses listed in the Chart][which include] Avian Influenza Virus Type A (H5N2) Influenza Virus Type A (H1N1) Norovirus Poliovirus Reovirus Rhinovirus [and] Human Coronavirus [and specific virus(es) listed on the chart] on hard non porous inanimate surfaces with a **2 minute** contact time in the presence of a 5% organic load For heavily soiled areas a pre cleaning step is required Apply Peridox RTU® [microbicide] [disinfectant] [liquid] with a

spray applicator device or other means that ensures that the surface is thoroughly wet. Allow surfaces to remain wet for **2 minutes** then wipe with a dry clean cloth.

Fungicidal PeridoxRTU® [microbicide] [disinfectant] [liquid] [is a] [fungicide] can be used on hard non porous inanimate surfaces such as shower room floors, shower stalls, locker room benches, and hard non porous bath mats (plastic or rubber). At full strength (4.4% concentration of hydrogen peroxide and 0.23% concentration of peroxyacetic acid) this product is effective against *Trichophyton mentagrophytes* (Athletes Foot Fungi), *Aspergillus niger* (mold) and *Candida albicans* (pathogenic yeast) in the presence of a 5% organic load with a **1 minute** contact time. For heavily soiled areas a pre cleaning step is required. Apply Peridox RTU® [microbicide] [disinfectant] [liquid] [fungicide] with a spray applicator device or other means that ensures that the surface is thoroughly wet. Allow surfaces to remain wet for **1 minute** then wipe with a dry clean cloth.

Sporicidal Disinfectant Peridox RTU® [microbicide] [sporicidal disinfectant] [disinfectant] is effective [sporicidal disinfectant] against *Clostridium difficile* spores on hard non porous inanimate surfaces when used at full strength (4.4% concentration of hydrogen peroxide and 0.23% concentration of peroxyacetic acid) with a **3 minute** contact. Apply Peridox RTU® [microbicide] [disinfectant] [liquid] with a spray applicator device or other means that ensures that the surface is thoroughly wet. Allow surfaces to remain wet for **3 minutes** then wipe with a dry clean cloth.

Personal Protection Wear appropriate barrier protection such as gloves, gowns, masks and eye covering.

Cleaning Procedure Fecal matter/waste must be thoroughly cleaned from surfaces/objects before disinfection by application with a [microfiber cloth/pad], [clean cloth] [mop] saturated with the disinfectant product. Cleaning is to include vigorous wiping and/or scrubbing until all visible soil is removed. Special attention is needed for high touch surfaces. Surfaces in patient rooms are to be cleaned in an appropriate manner such as from right to left or left to right on horizontal surfaces and top to bottom on vertical surfaces to minimize spreading of the spores. Restrooms are to be cleaned last. Do not reuse soiled cloths.

Infectious Materials Disposal Materials used in the cleaning process that may contain feces/wastes are to be disposed of immediately in accordance with local regulations for infectious materials disposal.

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 with which does not ordinarily penetrate the blood barrier or otherwise enters normally sterile areas of

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in EPA Label Dated
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the body This product may be used to pre clean or decontaminate critical or semi critical medical devices prior to sterilization or high level disinfection

[Specific Instructions for Blood-borne Pathogens] [KILLS HIV AND HEPATITIS B VIRUS ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS in healthcare settings and other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood/body fluids on surfaces or materials and in which the surfaces/object likely to be soiled with blood/body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 (HIV 1) (associated with AIDS) and Hepatitis B Virus

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATING AGAINST HIV 1 (AIDS Virus) AND HEPATITIS B VIRUS OF SURFACE/OBJECTS SOILED WITH BLOOD/BODY FLUIDS

Personal Protection [Clean up should always be done wearing protective gloves gowns masks and eye protection] [Disposable latex nitrile, or vinyl gloves gowns face masks or eye coverings as appropriate must be worn during all cleaning of body fluids blood and decontamination]

Cleaning Procedure Blood/body fluids must be thoroughly cleaned from surfaces/objects before application of this product

Contact Time [Allow surface to remain wet for 2 minutes to kill HIV 1 and Hepatitis B Virus] [Leave surface wet for 2 minutes to kill HIV 1 and Hepatitis B Virus.] [Use contact time listed for all other organisms claimed] [Consult Organism Chart/Table for all other contact times]

Disposal of Infectious Material Blood/body fluids should be autoclaved and disposed of according to Federal State and local regulations for infectious waste disposal

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 semi critical medical devices prior to sterilization or high level disinfection

Tuberculocidal Peridox RTU® microbicide is also effective against [kills] Mycobacterium bovis on hard non porous inanimate surfaces with a 5 minute contact time in the presence of a 5% organic load For heavily soiled areas a pre cleaning step is required Apply Peridox RTU® [microbicide] [disinfectant] [liquid] with a spray applicator device or other means that ensures that the surface is thoroughly wet Allow surfaces to remain wet for 5 minutes then wipe with a dry clean cloth

ACCEPTED with COMMENTS in EPA Letter Dated. SEP 27 2012 Under the Federal Insecticide Fungicide and Rodenticide Act as amended by the pesticide law EPA Reg No 98089-7

Disinfection of Surfaces in Pharmaceutical and Cosmetic Processing Facilities Peridox RTU® microbicide is recommended for use on hard non porous environmental surfaces such as floors walls and processing equipment in pharmaceutical and cosmetic processing facilities It is effective against *Staphylococcus aureus* *Salmonella enterica* *Enterobacter aerogenes* *Salmonella typhimurium* *Listeria monocytogenes* *Vibrio cholerae* and *Pseudomonas aeruginosa* [and other bacteria listed in the Chart] and 5% blood serum For heavily soiled areas a pre cleaning step is required Apply Peridox RTU® [microbicide] [disinfectant] [liquid] with a spray applicator device or other means that ensures that the surface is thoroughly wet with a contact time of **2 minutes** Rinse with sterile water Wipe with a dry clean cloth Air dry

STERILIZATION

Sterilant for Non-patient Contact Surfaces for Healthcare and Veterinary Facilities Prior to use of Peridox RTU® [microbicide][liquid] as a sterilant remove gross soil particles from processing surfaces then wash with a detergent solution followed by a potable water rinse Peridox RTU® [microbicide][liquid] is recommended for use as a sterilant on hard non porous inanimate confining (e.g rimmed) surfaces that permit a contiguous layer of liquid to cover the surface for the recommended contact time of **45 minutes** immersible objects in containers and interior surfaces of containers for non patient contact in healthcare and veterinary facilities Apply Peridox RTU® [microbicide][liquid] by immersion of objects in containers by covering interior surfaces of containers or by confining (e.g rimmed) surfaces (e.g floors tables counters) that permit a contiguous layer of liquid to cover the surface for the recommended contact time of **45 minutes** This product is effective against *Clostridium sporogenes* and *Bacillus subtilis* vegetative cells and spores and a 5% organic load Remove Peridox RTU® and entrapped soil with a clean dry sterile cloth If the Peridox RTU® [microbicide][liquid] becomes soiled (i.e is not visibly clear) or diluted replace and use fresh Peridox RTU® [microbicide] [liquid] **Do not use this product as a sterilant on medical devices**

Disinfectant for Farm Premises Peridox RTU® [microbicide] [disinfectant] [liquid] is recommended for use on hard non porous environmental surfaces such as floors walls troughs racks appliances and processing equipment on Farm Premises It is effective against *Staphylococcus aureus* *Salmonella enterica* *Enterobacter aerogenes* *Salmonella typhimurium* *Listeria monocytogenes* *Vibrio cholerae* and *Pseudomonas aeruginosa* [and other bacteria listed in the chart] and 5% blood serum For heavily soiled areas a pre cleaning step is required

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 all surfaces with soap or detergent and rinse with water

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Under the Federal Insecticide
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Apply Peridox RTU® [microbicide] [disinfectant] [liquid] with a spray applicator device or other means that ensures that the surface is thoroughly wet with a contact time of **2 minutes** Rinse with clean water Wipe with a dry clean cloth Air dry

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 If the Peridox RTU® [microbicide] [disinfectant] [liquid] becomes soiled (i.e. is not visibly clear) or diluted replace and use fresh PeridoxRTU® [microbicide] [disinfectant] [liquid]

Ventilate buildings cars 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

Disinfectant for Poultry Houses and Poultry Hatcheries Peridox RTU® [microbicide] [disinfectant] [liquid] is recommended for use on hard non porous environmental surfaces such as floors walls troughs racks feeders fountains appliances and processing equipment in Poultry Houses and Poultry Hatcheries It is effective against *Staphylococcus aureus* *Salmonella enterica* *Enterobacter aerogenes* *Salmonella typhimurium* *Listeria monocytogenes* *Vibrio cholerae* and *Pseudomonas aeruginosa* [and other bacteria listed in the Chart] and 5% blood serum For heavily soiled areas a pre cleaning step is required

Remove all poultry and feeds from premises trucks coops and crates

Remove all litter and droppings from floors walls and surfaces of facilities occupied or traversed by poultry

Empty all troughs racks and other feeding and watering appliances

Thoroughly clean all surfaces with soap or detergent and rinse with water

Apply Peridox RTU® [microbicide] [disinfectant] [liquid] with a spray applicator device or other means that ensures that the surface is thoroughly wet with a contact time of **2 minutes** Rinse with clean water Wipe with a dry clean cloth Air dry

Ventilate buildings coops and other closed spaces Do not house poultry 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

Sanitization Rinse on Pre-cleaned Hard, Non-porous Food Contact Surfaces Peridox RTU® [microbicide] [liquid] [sanitizer] is recommended [as a sanitizer] for use on pre cleaned non porous food contact surfaces such as equipment pipelines tanks fillers and evaporators as

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a sanitizer rinse It is effective against *Staphylococcus aureus* and *Escherichia coli* with a **30 second** contact time Pre clean surfaces to remove gross particles Wash with a detergent solution Rinse with potable water Apply Peridox RTU® [microbicide] [liquid] with a spray applicator device or other means that ensures that the surface is thoroughly wet Wipe with a dry clean cloth or allow surfaces to air dry

Sanitization of Hard, Non-porous, Inanimate, Non-Food Contact Surfaces Peridox RTU® [microbicide] [liquid] [sanitizer] is recommended [as a sanitizer] for use on hard non porous surfaces such as glass stainless steel glazed tile glazed porcelain and plastic (for example plastic laminate countertop) It is effective against *Klebsiella pneumoniae* and *Staphylococcus aureus* with a **30 second** contact time in the presence of a 5% organic load Apply Peridox RTU® [microbicide] [liquid] with a spray applicator device or other means that ensures that the surface is thoroughly wet Wipe with a dry clean cloth or allow surfaces to air dry

MOLD KILLING, MILDEW CONTROL, & REMEDIATION

GENERAL INFORMATION

Do not use in areas where food/feed items are present Peridox RTU® [microbicide] [liquid] is for killing and control of mold

This product is a ready to use liquid comprised of 4.4% concentration of hydrogen peroxide and 0.23% concentration of peroxyacetic acid and it should be used at full strength and should not be diluted before use

Use Peridox RTU® [microbicide] [liquid]

- To clean and deodorize eliminate odors associated with bacteria mold mildew prevent mold and mildew stains and odors
- To kill *Aspergillus niger* on hard non porous surfaces such as floors tabletops benchtops drain troughs drip pans desks locker room benches hard non porous bath mats (e.g rubber or plastic)[and the use sites listed on page ()]
- To treat porous surfaces such as wood tile grout drywall ceiling tile carpets upholstery cubical walls wallpaper posting boards in buildings and offices to kill mold

Will not damage most surfaces

Use Peridox RTU® [microbicide] [liquid] in commercial residential and industrial buildings and facilities in vehicles and on mold infested items such as counter tops tables furniture cabinets appliances (other than food contact surfaces) kitchen and bathroom fixtures furnishings hardware and other non porous hard surfaces such as floors tabletops benchtops drain troughs drip pans desks locker room benches and hard non porous bath mats (e.g rubber or plastic) and porous surfaces such as wood tile grout drywall ceiling tile carpets

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upholstery cubical walls wallpaper posting boards in buildings and offices This product is for use in office buildings homes institutions such as schools public buildings child care facilities day care centers hospitals nursing homes churches and correctional facilities warehouses manufacturing facilities lodging establishments retail business and athletic and recreational facilities

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Personal Protective Equipment (PPE)

When working in mold remediation areas handlers must wear at a minimum

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- Long sleeved shirt and long pants
- Shoes and socks
- Protective eye wear
- Chemical resistant gloves (materials that are chemical resistant to this product include barrier laminate butyl rubber nitrile rubber neoprene rubber polyethylene polyvinyl chloride Viton)

Treatment of areas 10 ft² or more i.e. medium and large areas may require additional PPE For the treatment of large areas i.e. greater than 100 ft² eye goggles protective garments and a half face or full face respirator mask with a cartridge rated for organic vapors are recommended Examples of such respirator masks are 3M Air Purifying Respirators 5000 Series with cartridge/filter approved for organic vapors Advantage 200 LS Respirator plus cartridges/filters approved for organic vapors and North 7700 series half mask face piece with cartridges/filters approved for organic vapors

Follow manufacturer's instructions for cleaning/maintaining PPE If no such instructions for washables use detergent and hot water Keep and wash PPE separately from other laundry

HARD, NON POROUS SURFACES, WALLBOARD, WOOD AND PAINTED OR SEALED CONCRETE, SEALED MASONRY OR SEALED CINDER BLOCKS

For hard non porous surfaces wallboard wood and painted or sealed concrete sealed masonry or sealed cinder block Peridox RTU® [microbicide] [liquid] can treat 1 000 2 700 square feet per gallon For carpet or textiles Peridox RTU® [microbicide] [liquid] can treat 200 400 square feet per gallon Use Peridox RTU® [microbicide] [liquid] only with adequate ventilation and exhaust the air to the outdoors and wear appropriate PPE Avoid contact with other sanitizers cleaners or organic substances

MOLD REMEDIATION The Peridox RTU® [microbicide] [liquid] can be used as part of a comprehensive mold remediation program when the following five (5) steps are performed

- (1) Repair the source of moisture (stop leaks etc) to eliminate conditions favorable to mold growth such as moisture ingress and high relative humidity and to prevent further mold growth and/or re growth
- (2) Set up adequate source containment of room or infected areas where applicable

- (3) Clean the area/room to remove 'fungal' material from surfaces and objects to be treated
Remove and discard or wash with soap and water and treat elsewhere all contaminated materials that are not readily cleanable or treatable in the area
- (4) Apply Peridox RTU® [microbicide] [liquid] to contaminated surfaces sufficient to maintain wet for **1 minute for hard, non-porous surfaces and 10 minutes for porous surfaces**
- (5) Remove source containment as appropriate and prepare area for re use

The following associations and Internet sites should be consulted for information standards and guidelines for remedial mold and mildew

- IAQA Indoor Air Quality Association (www iaqa org)
- EPA Environmental Protection Agency (www epa gov)
- DOH New York City Department of Health
(www.health.state.ny.us/environmental/indoors/air/mold.htm)
- IICRC Institute of Inspection Cleaning and Restoration Certification (www iicrc org)

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Water Damage Remediation

Remediation is required in situations where mold growth has occurred or materials have been wet for more than 48 hours Even for materials that are dried within 48 hours mold growth may have occurred Note that mold growth will not always occur after 48 hours this is only a guideline Consult with local experts and professionals and/or refer to EPA guidance documents such as "Mold Remediation in Schools and Commercial Buildings" www.epa.gov/mold/moldresources.html for more information on how to clean up after water damage

Source Containment

Source containment is generally necessary only for some medium treatment areas (from 10 to 100 ft²) for all large treatment areas (> 100 ft²) or in those circumstances where cleaning and treatment may lead to spread of mold contamination to other areas for example by traffic the movement of supplies or equipment or as airborne contamination or where it is desirable to contain airborne treatment aerosols vapors and mold

When source containment is used a half face or full face respirator mask with cartridge for organic vapors or other approved respiratory protection must be used See instructions for MOLD REMEDIATION PPE given on pages () of this label

Set up adequate source containment of room(s) or infected areas Such containment may comprise one or more layers of plastic sheeting (e.g. polyethylene sheet) tape or other physical barriers to the spread of contamination cleaning solutions or treatment solution In many cases a contained entry/egress area is recommended between uncontaminated areas and the contaminated area to be treated so that PPE materials and equipment can be treated or cleaned to avoid the spread of contamination

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Cleaning

Clean the area/room to remove fungal material from surfaces and objects to be treated. Remove and discard or wash and treat elsewhere all contaminated materials that are not readily cleanable or treatable in the area. Cleaning procedures and methods depend on the size of the area and the type of material to be treated. For heavy mold infestations it may be desirable to use Peridox RTU® [microbicide] [liquid] for cleaning prior to treatment. Specific directions and recommendations are provided in this label. Contaminated materials removed from the area to be treated must be placed in a suitable well sealed container or bag e.g. a well sealed plastic bag for removal and disposal by means consistent with applicable regulations. The outside of the containers or bags should be treated with Peridox RTU® [microbicide] [liquid] to kill mold and to prevent spread of contamination.

Select a method appropriate to the situation. Methods for cleaning specific types of materials are provided in this label. Since molds gradually destroy the things they grow on, if mold growth has not been addressed promptly, some items may be damaged such that cleaning will not restore their original appearance. If mold growth is heavy and items are valuable or important, you may wish to consult a restoration/water damage/remediation expert. Please note that these are guidelines.

Application of Peridox RTU® [microbicide] [liquid]

Apply Peridox RTU® [microbicide] [liquid] directly to contaminated surfaces in sufficient amount to maintain wet for **1 minute for hard, non-porous surfaces and 10 minutes for porous surfaces**. Application may be made by spraying, wiping with a clean cloth or sponge that is wet with Peridox RTU® [microbicide] [liquid], pouring, mopping or brushing. Specific methods are provided in this label according to the size of the area and materials to be treated.

Remove source containment

After air drying of the treated surfaces, remove source containment as appropriate and prepare the area for re use. Dispose of all removed materials and any used Peridox RTU® [microbicide] [liquid] in a manner consistent with applicable regulations and the STORAGE and DISPOSAL instructions of this label.

Directions are provided in the following sections of this label for treatment of SMALL AREAS, MEDIUM AREAS, and LARGE AREAS

DIRECTIONS FOR SMALL AREAS -Total Surface Area Affected Less Than 10 Square Feet

The following three (3) steps identified in this section should always be followed.

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Please note Step 1 for Containment of the Affected Materials should always be followed Steps 2 and 3 for pre-cleaning surfaces and the application of the Peridox RTU® [microbicide] [liquid] will vary depending on the type of material being treated Detailed instructions for the treatment of each type of material are provided in this section

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STEP 1 Containment of Affected Materials

For small areas containment of the affected materials is generally not needed

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STEP 2 Pre-clean the Surfaces

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For HARD, NON-POROUS SURFACES, WALLBOARD (drywall and gypsum board), WOOD SURFACES, and PAINTED or SEALED CONCRETE, SEALED MASONRY, or SEALED CINDER BLOCK surfaces, follow the appropriate pre-cleaning and application instructions as provided in this section

HARD, NON POROUS SURFACES

This product kills *Aspergillus niger* on hard non porous surfaces such as floors tabletops benchtops drains troughs drip pans desks locker room benches non-porous bath mats (e.g rubber or plastic)

Cleaning Methods Prior to applying Peridox RTU® [microbicide] [liquid] clean the affected area using one of the following or consult a restoration/water damage/remediation expert Remove visible mold growth by one of the following methods

- Method 1 Damp wipe surfaces with plain water or Peridox RTU® [microbicide] [liquid] scrub as needed
- Method 2 High efficiency particulate air (HEPA) vacuum after the material has been thoroughly dried Dispose of the contents of the HEPA vacuum in well sealed plastic bags

WALLBOARD (drywall and gypsum board)

Cleaning Methods After the material has been thoroughly dried and prior to applying Peridox RTU® [microbicide] [liquid] clean the affected area using one of the following methods or consult restoration/water damage/remediation expert

- Method 1 Use a high efficiency particulate air (HEPA) vacuum to remove particulate from the wall Dispose of the contents of the HEPA vacuum in a well sealed plastic bag
- Method 2 Wipe the wall with a clean cloth wetted with clean water or Peridox RTU® [microbicide] [liquid] Dispose of the cleaning cloth in a well sealed plastic bag

WOOD SURFACES

Cleaning Methods Prior to applying Peridox RTU® [microbicide] [liquid] clean the affected area to remove visible mold growth by using one of the following methods or consult a restoration/water damage/remediation expert

Method 1 Wet vacuum and allow to air dry or dry with a cloth The vacuum and cloth must be treated as contaminated items

Method 2 Damp wipe surfaces with plain water Peridox RTU® [microbicide] [liquid] or a wood floor cleaner scrub as needed

Method 3 High efficiency particulate air (HEPA) vacuum after the material has been thoroughly dried Dispose of the contents of the HEPA vacuum in well sealed plastic bags

PAINTED or SEALED CONCRETE, SEALED MASONRY, or SEALED CINDER BLOCK

Do not treat unpainted or unsealed concrete unsealed masonry or unsealed cinder block with this product Adequate application of this product and effective treatment of such materials is generally not practical

Cleaning Methods For painted or sealed concrete sealed masonry or sealed cinder block after thorough drying and prior to applying Peridox RTU® [microbicide] [liquid] clean the affected area using one of the following methods or consult restoration/water damage/remediation expert

Method 1 Use a high efficiency particulate air (HEPA) vacuum to remove particulate from the wall Dispose of the contents of the HEPA vacuum in a well sealed plastic bag

Method 2 Wipe the wall with a clean cloth wetted with clean water or Peridox RTU® [microbicide] [liquid] Dispose of the cleaning cloth in a well sealed plastic bag

For CARPET (i.e., loop pile 94% BCF Olefin/6% Nylon, backing woven polypropylene) and TEXTILES follow the appropriate pre-cleaning and application instructions as provided in this section

Successful treatment of carpet and textiles requires that cleaning removes sufficient visible mold growth and that the material can be thoroughly moistened by the Peridox RTU® [microbicide][liquid] Heavily mold infested carpet and textiles are difficult to adequately clean If the carpet or textile is not readily accessible for application of Peridox RTU® [microbicide][liquid] to obtain thorough wetting the carpet or textile should be removed and discarded in a manner consistent with applicable regulations and instructions given in this label

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Spot test an inconspicuous area of carpet with the Peridox RTU® [microbicide] [liquid] to ensure that the carpet dyes will not bleed or fade and staining will not occur

Cleaning Methods For small spots of heavy mold growth wipe brush or sponge with clean water or Peridox RTU® [microbicide][liquid] to remove mold growth Dry carpets within 24 hours to eliminate conditions favorable to mold growth To assist the drying process the use of fans dehumidifiers heaters or other methods of ventilation are encouraged Please consult with your local county extension office or EPA www.epa.gov/mold/moldresources.html for more information

After thorough drying the carpet or textile should be vacuumed thoroughly and the vacuum cleaner bag discarded in a well sealed plastic bag or container In general the carpet or textile will be in an area with other materials which must also be cleaned and then treated with Peridox RTU® [microbicide] [liquid] as part of a comprehensive area cleaning and treatment

STEP 3 Apply Peridox RTU® [Microbicide] [Liquid] to the Affected Surfaces

For HARD, NON-POROUS SURFACES, WALLBOARD (drywall and gypsum board), WOOD SURFACES, and PAINTED or SEALED CONCRETE, SEALED MASONRY, or SEALED CINDER BLOCK surfaces

Apply by wiping brushing pouring or spraying the Peridox RTU® [microbicide][liquid] at full strength (4.4% concentration of hydrogen peroxide and 0.23% concentration of peroxyacetic acid) using smooth back and forth motions to ensure complete coverage of the entire target area Apply 15-40 ml of Peridox RTU® [microbicide] [liquid] per square meter (0.5-1.4 fl oz per square yard) Unpainted drywall may require application of a greater amount of Peridox RTU® [microbicide] [liquid] per area For painted or sealed concrete sealed masonry or sealed cinder block additional product must be applied if the product is absorbed into the material

Keep surfaces wet for **1 minute** If surfaces dry before **1 minute** contact time re apply PeridoxRTU® [microbicide] [liquid] After **1 minute** contact time remove solution and entrapped soil with a dry clean cloth or allow to air dry

CARPETS and TEXTILES

Apply by wiping brushing pouring or spraying PeridoxRTU® [microbicide] [liquid] using smooth back and forth motions to ensure complete coverage of the entire target area Apply 100-200 ml of Peridox RTU® [microbicide] [liquid] per square meter (3.4-6.8 fl oz per square yard) to carpet Keep the surfaces wet for **10 minutes** If the surfaces dry before **10 minutes** contact time re apply Peridox RTU® [microbicide] [liquid] After **10 minutes** contact time remove solution and entrapped soil with a dry clean cloth or allow to air dry before re use for re use

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Note that many carpets and textiles are treated with a stain release or water repellent. Brushing or other means may be necessary to ensure that this product has thoroughly wetted the carpet or textile. Application of Peridox RTU® [microbicide] [liquid] by spraying on top of carpet may not adequately wet carpet pads installed under such carpets. It is recommended that a spot test be performed in which the carpet is lifted after application of Peridox RTU® [microbicide][liquid] to verify that the product has penetrated the carpet and wetted the carpet pad. If in doubt that the pad has been adequately wetted, remove and dispose of the carpet pad.

DIRECTIONS FOR MEDIUM AREAS Total Surface Area Affected From 10 To 100 Square Feet

The following three (3) steps identified in this section should always be followed.

Please note Step 1 for Containment of the Affected Materials should always be followed. Steps 2 and 3 for pre-cleaning surfaces and the application of the Peridox RTU® [microbicide] [liquid] will vary depending on the type of material being treated. Detailed instructions for treatment of each type of material are provided in this section.

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STEP 1 Containment of Affected Materials

When containment is used, respiratory PPE must be used.

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If the total amount of Peridox RTU® [microbicide] [liquid] to be applied is less than 500 ml per 10 m³ (0.13 gal per 13 cubic yards) of space containing the affected surface area and the space is well ventilated with an adjacent space of at least 20 m³ (approx. 25 cubic yards), then containment may not be necessary.

Otherwise, use polyethylene sheeting ceiling to floor around affected area or at doorway(s) to room. Use a slit entry in the plastic sheeting and a covering flap. Block supply and return air vents within containment area. To avoid spread of the contamination, it is recommended that the containment area be kept under negative pressure with a HEPA filtered fan unit during cleaning and treatment.

Because of the greater application rate of product per area for carpet and textile, if carpet and/or textile are to be treated, then precautions in addition to blocking supply and return air vents must be taken to avoid exhausting fumes from the treatment into occupied spaces unless there is adequate ventilation.

STEP 2 Pre-clean the Surfaces

For HARD, NON POROUS SURFACES, WALLBOARD (drywall and gypsum board), WOOD SURFACES, and PAINTED or SEALED CONCRETE, SEALED MASONRY, or SEALED CINDER BLOCK surfaces, follow the appropriate pre-cleaning and application instructions as provided in this section.

HARD, NON POROUS SURFACES

This product kills *Aspergillus niger* on hard non porous surfaces such as floors tabletops benchtops drains troughs drip pans desks locker room benches non porous bath mats (e.g. rubber or plastic)

Cleaning Methods Prior to applying Peridox RTU® [microbicide] [liquid] clean the affected area using one of the following methods or consult a restoration/water damage/remediation expert Remove visible mold growth by one of the following methods

Method 1 Damp wipe surfaces with plain soap and water or Peridox RTU® [microbicide] [liquid] scrub as needed

Method 2 High efficiency particulate air (HEPA) vacuum after the material has been thoroughly dried Dispose of the contents of the HEPA vacuum in well sealed plastic bags

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WALLBOARD (drywall and gypsum board)

Cleaning Methods After the material has been thoroughly dried and prior to applying Peridox RTU® [microbicide][liquid] clean the affected area using one of the following methods or consult a restoration/water damage/remediation expert

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Method 1 Use a high-efficiency particulate air (HEPA) vacuum to remove particulate from the wall Dispose of the contents of the HEPA vacuum in a well sealed plastic bag

Method 2 Wipe the wall with a clean cloth wetted with clean water or Peridox RTU® [microbicide] [liquid] Let air dry or dry with a dry clean cloth Dispose of the cloth in a well sealed plastic bag

It is recommended that adjacent ceiling surfaces be cleaned as well as walls The ceiling should be cleaned first and then the walls Small portions of wall should be cleaned and then wiped dry with to adjacent portions of wall so that contaminated runoff is minimized If two persons perform the cleaning it is recommended that one person wipe with a wet cloth and the other follows and wipes with the drying cloth

WOOD SURFACES

Cleaning Methods Prior to applying PeridoxRTU® [microbicide] [liquid] clean the affected area to remove visible mold growth by using one of the following methods or consult a restoration/water damage/remediation expert

Method 1 Wet vacuum and allow to air dry or dry with a cloth The vacuum and cloth must be treated as contaminated items

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Method 2 Damp wipe surfaces with plain water or use a wood floor cleaner scrub as needed

Method 3 High efficiency particulate air (HEPA) vacuum after the material has been thoroughly dried Dispose of the contents of the HEPA vacuum in well sealed plastic bags

PAINTED or SEALED CONCRETE SEALED MASONRY or SEALED CINDER BLOCK

Treatment of unpainted or unsealed concrete unsealed masonry or unsealed cinder block is not recommended Adequate application of this product and effective treatment of such materials is generally not practical

Cleaning Methods For painted or sealed concrete sealed masonry or sealed cinder block after thorough drying and prior to applying Peridox RTU® [microbicide] [liquid] clean the affected area using one of the following methods or consult a restoration/water damage/remediation expert

Method 1 Wet vacuum and allow to air dry or dry with a cloth The vacuum and cloth must be treated as contaminated items

Method 2 Use a high efficiency particulate air (HEPA) vacuum to remove particulate from the wall Dispose of the contents of the HEPA vacuum in a well sealed plastic bag

Method 3 Wipe the wall with a clean cloth wetted with clean water or Peridox RTU® [microbicide] [liquid] Dispose of the cleaning cloth in a well sealed plastic bag

For CARPET (i.e., loop pile 940/0 BCF Olefin/6% Nylon, backing woven polypropylene) and TEXTILES follow the appropriate pre-cleaning and application instructions as provided in this section

Successful treatment of carpet and textiles requires that cleaning removes sufficient visible mold growth and that the material can be thoroughly moistened by Peridox RTU® [microbicide] [liquid] Heavily mold infested carpet and textiles are difficult to adequately clean If the carpet or textile is not readily accessible for application of Peridox RTU® [microbicide] [liquid] to obtain thorough wetting the carpet or textile must be removed and discarded in a manner consistent with applicable regulations and instructions given in this label

Spot test an inconspicuous area of carpet with Peridox RTU® [microbicide] [liquid] to ensure that the carpet dyes will not bleed or fade and staining will not occur

Cleaning Methods For small spots of heavy mold growth wipe brush or sponge with clean water or Peridox RTU® [microbicide] [liquid] to remove mold growth Dry carpet for 24 hours to eliminate conditions favorable to mold growth To assist the drying process the use of

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fans dehumidifiers heaters or other methods of ventilation are encouraged Please consult with your local county extension office or EPA www.epa.gov/mold/moldresources.html for more information

After thorough drying the carpet or textile should be vacuumed thoroughly and the vacuum cleaner bag discarded in a well sealed plastic bag or container In general the carpet or textile will be in an area with other materials, which must also be cleaned and then treated with Peridox RTU® [microbicide][liquid] as part of a comprehensive area cleaning and treatment

STEP 3 Apply Peridox RTU® [Microbicide] [Liquid] to the Affected Surfaces

For HARD, NON-POROUS SURFACES, WALLBOARD (drywall and gypsum board), WOOD SURFACES, and PAINTED or SEALED CONCRETE, SEALED MASONRY, or SEALED CINDER BLOCK surfaces

Apply by wiping brushing mopping pouring or spraying the Peridox RTU® [microbicide][liquid] using smooth back and forth motions to ensure complete coverage of the entire target area Apply 15 40 ml of Peridox RTU® [microbicide] [liquid] per square meter (0 5 1 4 fl oz per square yard) Unpainted drywall may require application of a greater amount of Peridox RTU® [microbicide] [liquid] per area For painted or sealed concrete sealed masonry or sealed cinder block additional product must be applied if the product is absorbed into the material

Keep surfaces wet for **1 minute** If the surfaces dry before **1 minute** contact time re apply Peridox RTU® [microbicide] [liquid] After **1 minute** contact time remove solution and entrapped soil with a dry clean cloth or allow to air dry

CARPET and TEXTILES

Apply by wiping brushing mopping pouring or spraying the Peridox RTU® [microbicide] [liquid] using smooth back and forth motions to ensure complete coverage of the entire target area Apply 100 200 ml of Peridox RTU® microbicide per square meter (3 4 6 8 fl oz per square yard) to carpet

Keep the surface wet for **10 minutes** Re apply Peridox RTU® [microbicide] [liquid] to the surface if it dries before **10 minutes** contact time After **10 minutes** contact time remove solution and entrapped soil with a dry clean cloth or allow to air dry before re entry for re use

Note that many carpets and textiles are treated with a stain release or water repellent Brushing or other means may be necessary to ensure that this product has thoroughly wetted the carpet or textile Application of Peridox RTU® [microbicide] [liquid] by spraying on top of carpet may not adequately wet carpet pads installed under such carpets It is recommended a spot test be performed in which the carpet is lifted after application of Peridox RTU® [microbicide] [liquid]

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to verify that the product has penetrated the carpet and wetted the carpet pad. If in doubt that the pad has been adequately wetted, removal and disposal of the carpet pad is recommended.

After treatment, air dry carpet and textiles or use fans, dehumidifiers, heaters or other methods of ventilation to assist in the drying.

DIRECTIONS FOR LARGE AREAS Total Surface Area Affected Greater Than 100 Square Feet or Potential for Increased Occupant or Remediator Exposure During Remediation is Estimated to be Significant

Special procedures and training are required for remediation of moldy areas larger than 100 square feet. Consult guidelines for remediation of large areas established by the Indoor Air Quality Association (www.iaqa.org) and the US Environmental Protection Agency (www.epa.gov). An excellent reference is the New York City Department of Health publication 'Guidelines on Assessment and Remediation of Fungi in Indoor Environments'. An excellent guide for professional mold remediation is available from the Institute of Inspection, Cleaning and Restoration Certification (IICRC). Standard S520 is based upon reliable remediation and restoration techniques and combines academic principles with practical elements of water damage restoration. Where structural members and/or contents have been exposed to water in excess of 24 hours, there is a possibility of extensive microbial growth that may be hidden. In such a case, a complete assessment and remediation plan must be prepared that provides for user and occupant safety and documentation and monitoring of the remediation process. IICRC S520 contains excellent guidance for such a plan. Before conducting remediation of large projects, you should be knowledgeable of these guidelines and follow their recommendations.

In the absence of access to the guidance and standards identified, the user should refer to the following information taken from US EPA's guide, Mold Remediation in Schools and Commercial Buildings (March 2001). These guidelines are based on the area and type of material affected by water damage and/or mold growth. Please note that these are guidelines; some professionals may prefer other cleaning methods.

Personal Protective Equipment (PPE) for treatment of large areas

Gloves, disposable full body clothing, head gear, foot coverings, full face respirator with HEPA filter are the recommended personal protective equipment.

Use professional judgment to determine prudent levels of PPE and containment for each situation, particularly as the remediation site size increases and the potential for exposure and health effects rises. Assess the need for increased PPE if, during the remediation, more extensive contamination is encountered than was expected. These guidelines are for damage caused by clean water. If you know or suspect that the water source is contaminated with sewage or chemical or biological pollutants, then the Occupational Safety and Health Administration

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(OSHA) requires PPE and containment. An experienced professional should be consulted if you and/or your remediators do not have expertise in remediating contaminated water situations.

The following three (3) steps identified below should always be followed.

Please note Step 1 for *Containment of the Affected Materials* should always be followed. Steps 2 and 3 for pre cleaning surfaces and the application of the Peridox RTU® [microbicide] [liquid] will vary depending on the type of material being treated. Detailed instructions for the treatment of each type of material are provided in the following sections.

STEP 1 Containment of Affected Materials

When containment is used, respiratory PPE must be used.

Use professional judgment and consider the potential for remediator and occupant exposure and size of contaminated area.

Use two layers of fire retardant polyethylene sheeting with one airlock chamber. Maintain area under negative pressure with HEPA filtered fan exhausted outside of building. Block supply and return air vents within containment area.

Testing before and after remediation

For large areas, testing must be performed prior to and after remediation to validate the success of the treatment. A commonly used method is air sampling and analysis for viable and dead mold spores. Seek professional advice on how to perform such sampling and where to have samples analyzed.

STEP 2 Pre-clean the Surfaces

For HARD, NON-POROUS SURFACES, WALLBOARD (drywall and gypsum board), WOOD SURFACES, and PAINTED or SEALED CONCRETE, SEALED MASONRY, or SEALED CINDER BLOCK surfaces, follow the appropriate pre cleaning and application instructions as provided in this section.

HARD, NON-POROUS SURFACES

This product kills *Aspergillus niger* on hard non porous surfaces such as floors, tabletops, benchtops, drains, troughs, drip pans, desks, locker room benches, non porous mat'h mats (e.g. rubber or plastic).

Cleaning Methods: Prior to applying Peridox RTU® [microbicide] [liquid] to clean the affected area, use one of the following methods or consult a restoration water damage/remediation expert. Remove visible mold growth by one of the following methods:

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Method 1 Damp wipe surfaces with plain water or Peridox RTU® [microbicide][liquid] scrub as needed

Method 2 High efficiency particulate air (HEPA) vacuum after the material has been thoroughly dried Dispose of the contents of the HEPA vacuum in well sealed plastic bags

WALLBOARD (drywall and gypsum board)

Cleaning Methods After the material has been thoroughly dried and prior to applying Peridox RTU® solution clean the affected area using one of the following methods or consult a restoration/water damage/remediation expert

Method 1 Use a high efficiency particulate air (HEPA) vacuum to remove particulate from the wall Dispose of the contents of the HEPA vacuum in a well sealed plastic bag

Method 2 Wipe the wall with a clean cloth wetted with clean water or Peridox RTU® [microbicide] [liquid] Let air dry or dry with a dry clean cloth Dispose of the cloth in a well sealed plastic bag

It is recommended that adjacent ceiling surfaces be cleaned as well as walls The ceiling should be cleaned first and then the walls Small portions of wall should be cleaned and then wiped dry prior to proceeding to adjacent portions of wall so that contaminated runoff is minimized If two persons perform the cleaning it is recommended that one person wipe with a wet cloth and the other follows and wipes with the drying cloth

WOOD SURFACES

Cleaning Methods Prior to applying Peridox RTU® [microbicide][liquid] clean the affected area to remove visible mold growth by using one of the following methods or consult a restoration/water damage/remediation expert

Method 1 Wet vacuum and allow to air dry or dry with a cloth The vacuum and cloth must be treated as contaminated items

Method 2 Damp wipe surfaces with plain water or use a wood floor cleaner scrub as needed

Method 3 High efficiency particulate air (HEPA) vacuum after the material has been thoroughly dried Dispose of the contents of the HEPA vacuum in well sealed plastic bags

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PAINTED or SEALED CONCRETE, SEALED MASONRY, or SEALED CINDER BLOCK

Do not treat unpainted or unsealed concrete unsealed masonry or unsealed cinder block with this product Adequate application of this product and effective treatment of such materials is generally not practical

Cleaning Methods For painted or sealed concrete sealed masonry or sealed cinder block after thorough drying and prior to applying Peridox RTU® [microbicide] [liquid] clean the affected area using one of the following methods or consult a restoration/water damage/remediation expert

Method 1 Wet vacuum and allow to air dry or dry with a cloth The vacuum and cloth must be treated as contaminated items

Method 2 Use a high efficiency particulate air (HEPA) vacuum to remove particulate from the wall Dispose of the contents of the HEPA vacuum in a well sealed plastic bag

Method 3 Wipe the wall with a clean cloth wetted with clean water or Peridox RTU® [microbicide] [liquid] Dispose of the cleaning cloth in a well sealed plastic bag

For CARPET (i e , loop pile 94% BCF Olefin/6% Nylon, backing woven polypropylene) and TEXTILES follow the appropriate pre-cleaning and application instructions provided in this section

Successful treatment of carpet and textiles requires that cleaning removes sufficient visible mold growth and that the material can be thoroughly moistened by Peridox RTU® [microbicide] [liquid] Heavily mold infested carpet and textiles are difficult to adequately clean If the carpet or textile is not readily accessible for application of Peridox RTU® [microbicide] [liquid] to obtain thorough wetting the carpet or textile must be removed and discarded in a manner consistent with applicable regulations and instructions given in this label

Spot test an inconspicuous area of carpet with Peridox RTU® [microbicide] [liquid] to ensure that the carpet dyes will not 'bleed' or fade and staining will not occur

Cleaning Methods For small spots of heavy mold growth wipe brush or sponge with clean water or Peridox RTU® [microbicide][liquid] to remove mold growth Dry carpets within 24 hours to eliminate conditions favorable to mold growth To assist the drying process the use of fans dehumidifiers heaters or other methods of ventilation are encouraged Please consult with your local county extension office or EPA www.epa.gov/mold/mold_resources.html for more information

ACCEPTED
with COMMENTS
in EPA Letter Dated.
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After thorough drying the carpet or textile should be vacuumed thoroughly and the vacuum cleaner bag discarded in a well sealed plastic bag or container In general the carpet or textile will be in an area with other materials which must also be cleaned and then treated with Peridox RTU® [microbicide] [liquid] as part of a comprehensive area cleaning and treatment

STEP 3 Apply Peridox RTU® [Microbicide] [Liquid] to the Affected Surfaces

For HARD, NON-POROUS SURFACES, WALLBOARD (drywall and gypsum board), WOOD SURFACES, and PAINTED or SEALED CONCRETE, SEALED MASONRY, or SEALED CINDER BLOCK surfaces

Apply by wiping brushing mopping pouring or spraying the Peridox RTU® [microbicide] [liquid] using smooth back and forth motions to ensure complete coverage of the entire target area Apply 25 40 ml of Peridox RTU® [microbicide] [liquid] per square meter (0 5 1 4 fl oz per square yard) Unpainted drywall may require application of a greater amount of Peridox RTU® [microbicide] [liquid] per area For painted or sealed concrete masonry or cinder block additional product must be applied if the product is absorbed into the material

Keep the surfaces wet for **1 minute** Re apply Peridox RTU® [microbicide][liquid] if the surfaces dry before **1 minute** contact time After **1 minute** contact time remove solution and entrapped soil with a dry clean cloth or allow to air dry

CARPET and TEXTILES

Apply by wiping brushing mopping pouring or by spraying the Peridox RTU® [microbicide][liquid] using smooth back and forth motions to cover the entire target area to ensure complete coverage nominally apply 100 200 ml of Peridox RTU® [microbicide][liquid] per square meter (3 4 6 8 fl oz per square yard) to carpet

Keep the surfaces wet for **10 minutes** re apply Peridox RTU® [microbicide] [liquid] to the surfaces if the surfaces dry before **10 minutes** contact time then remove solution and entrapped soil with a dry clean cloth or allow to air dry before re entry for re use

Note that many carpets and textiles are treated with a stain release or water repellent Brushing or other means may be necessary to ensure that this product has thoroughly wetted the carpet or textile Application of Peridox RTU® [microbicide][liquid] by spraying on top of wall to v all carpet may not adequately wet carpet pads installed under such carpets It is recommended that a spot test be performed in which the carpet is lifted after application of Peridox RTU® [microbicide] [liquid] to verify that the product has penetrated the carpet and wetted the carpet pad If in doubt that the pad has been adequately wetted remove and dispose of the carpet pad

After treatment air dry carpet and textiles or use fans dehumidifiers heaters or other methods of ventilation to assist in the drying

ACCEPTED
with COMMENTS
in EPA Letter Dated
SEP 27 2012

Under the Federal Insecticide
Fungicide and Rodenticide Act as
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registered under EPA Reg No 98089 4

Master Label – Peridox RTU® (

25 May 2012

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ACCEPTED
with COMMENTS
in Label Design

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STORAGE AND DISPOSAL

Do not contaminate water food or feed by storage or disposal

STORAGE Store in original containers in a cool dry area away from direct sunlight Do not allow product to become overheated in storage Avoid prolonged storage temperature above 40°C 104°F This may cause increased degradation of the product which will decrease product effectiveness In case of spill flood area with large quantities of water

DISPOSAL Wastes resulting from the use of this product must be disposed of onsite or at an approved waste disposal facility

CONTAINER DISPOSAL Non refillable container Do not reuse or refill this container

(One gal or smaller container) If empty wrap container and put in trash or offer for recycling if available If partly filled call your local solid waste agency for disposal instructions

(Larger than 1 gal container) Triple rinse (or equivalent) prior to disposal Then offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration or if allowed by state and local authorities by burning If burned stay out of smoke

WARRANTY

This material is safe and effective under the conditions of application as specified in the Directions for Use To the fullest extent permitted by law the manufacturer shall not be liable for improper application or use of this product beyond those purposes referred to in the Directions for Use NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY IS MADE

ACCEPTED
with COMMENTS
in EPA Letter Dated.
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