



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

May 4, 2023

Desiree Valentin  
Regulatory Affairs Specialist  
Arxada, LLC  
Electronic Transmittal: [desiree.valentin@arxada.com](mailto:desiree.valentin@arxada.com)

Subject: PRIA Label and CSF Amendment – Add multiple public health claims, including electrostatic spray directions, along with other label changes; modify Basic CSF and Alt. CSFs 1-3  
Product Name: NUGEN MB5A-4  
EPA Registration Number: 6836-508  
Received Date: November 11, 2022  
Action Case Number: 00408819

Dear Desiree Valentin:

The amended label and CSFs referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, are acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. Pursuant to 40 CFR 156.10(a)(6), you must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. “To distribute or sell” is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Please note that the record for this product currently contains the following CSFs:

- Basic CSF dated 11/11/2022
- Alternate CSF 1-3 dated 11/11/2022

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. See FIFRA section 2(p)(2). If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the

Page 2 of 2  
EPA Reg. No. 6836-508  
Action Case No. 00408819

website may not substantially differ from those claims approved through the registration process, FIFRA section 12(a)(1)(B). Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Assurance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, you may contact Joe Daniels via email at [Daniels.joseph@epa.gov](mailto:Daniels.joseph@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Tara M. Flint Silva". The signature is written in a cursive, flowing style.

Tara Flint Silva, Acting Product Manager 31  
Regulatory Management Branch I  
Antimicrobials Division  
Office of Pesticide Programs

Enclosure: Stamped Label

Note to reviewer:  
[Items in brackets [AAA] are optional and may/may not be included on final label]  
{Items in braces {AAA} are for information purposes and will not appear on final label}  
{Qualifying symbols and/or numbers may be replaced with a different symbol/number on the final printed label}  
{Optional language may be placed within parenthesis () on the final printed label}

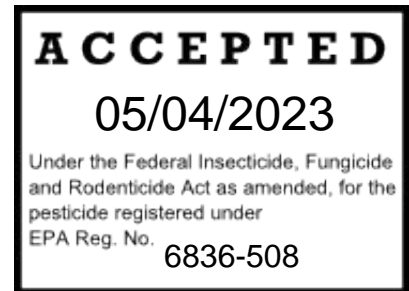
# NUGEN® MB<sup>5</sup>A-4

Active Ingredients:

Diocetyl dimethyl ammonium chloride.....	0.252%
Alkyl (67%C <sub>12</sub> , 25%C <sub>14</sub> , 7%C <sub>16</sub> , 1%C <sub>18</sub> ) Dimethyl benzyl ammonium chloride .....	0.168%
Other Ingredients:.....	99.580%
Total:.....	100.000%

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION [PRECAUCIÓN]



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

EPA Reg. No. 6836-508

EPA Est. No. (insert EPA Establishment No. here)

[Lot code designates actual Est.] [Circled] [letter is the [last] [first] [digit] [number] [letter] of lot number.]

Net Contents (insert container size here)

[DOT symbols]

[Country of origin (insert country)]

[Manufactured in (insert country)]

[Barcode][UPC Code] [QR Code]

Questions[?][:]

1-xxx-xxx-xxx

©({insert year})({insert company name/abbreviation})

Manufactured by:

Arxada, LLC

412 Mount Kemble Avenue

Suite 200S

Morristown, NJ 07960

**PRECAUTIONARY STATEMENTS****HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION.** Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

**FIRST AID**

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor immediately for treatment advice.

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

Have the product container or label with you when calling poison control center or doctor or going for treatment. [For general information on product use, etc., call the National Pesticides Information Center at 1-800-858-7378. You may also contact the poison control center at 1-800-222-1222 for emergency medical treatment information.]

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

**ENVIRONMENTAL HAZARDS**

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

*{Note to reviewer: Pages 3-10 are considered optional marketing language.}*

#### One-Step<sup>4</sup> Disinfectant

[Cleaner – Sanitizer- Virucide\* – Deodorizer]

[For use on hard, nonporous surfaces in Homes, Restaurants, Hospitals, Institutional and Industrial Use]

[Effective in hard water up to 250 ppm hardness (calculated as CaCO<sub>3</sub>) in the presence of 5% serum contamination]

[Formulated for Effective Farm Premise Sanitation]

[Formulated for Effective Poultry Premise Sanitation]

[Formulated for Effective Swine Premise Sanitation]

[Formulated for Effective Mushroom Farm Sanitation]

[Formulated for Veterinary Practice / Animal Care / Animal Laboratory Disinfection]

[For use in federally inspected meat and poultry plants]

Cleans [Cleaner]

Concentrate [Concentrated]

Deodorizes [Deodorant]

Disinfects [Disinfectant]

This product contains no [phosphates] [or] [phosphorous compounds].

Contains no [phosphate][phosphates]

Phosphate-free

#### **Scent Descriptors** *{Note to Reviewer: Representative graphics may accompany each scent descriptor}*

[Soft] [Softly scented] [Light] [Lite] [Lightly scented] [Hint of] [Touch of]

[Summer] [Fresh] [Orchard] [Clean] [Crisp] [Bright] [Lemon] [Citrus] [Fresh Scent] [Breeze] [Floral] [Citrus & Light] [Scented] [Scent]

[Lavender]

#### **Marketing Claims** *{These new marketing claims are allowable for the first 6 months}*

- New dilutable concentrate disinfectant
- New with 5 minute contact times
- New, 5 minute disinfection

## Cleaning Claims

- [all] [multi-purpose<sup>1,4</sup>] [everyday][daily][touch-up][cleaning]
- Cleans
- Cleans [and] [disinfects] in one easy step<sup>1,4</sup>
- Cleans what you can't see
- Cuts through tough grease [and grime]
- Delivers disinfectant<sup>1</sup> and cleaning performance in an economical concentrate.
- For [clean-ups][in one easy step<sup>1,4</sup>]
- [Great] For cleaning [(insert from list of any approved use site)]
- [Great] For cleaning your home [home][kitchen][bathroom][room][dorm][office][cart][car][classroom][gym]
- One step<sup>4</sup> [cleaning][cleaner] [Disinfectant<sup>1</sup>]
- Cleans every day kitchen messes.
- Will not leave grit or soap scum.
- Floor Cleaner
- Powerful Multi-Surface<sup>4</sup> Cleaning
- Makes cleaning easier
- Cuts through 100% of [dirt][,][grease][and][grime]
- [Clean to reveal] [Excellent] [Great] [shine] [on] [your] ([countertops<sup>4</sup>][,] [stove tops<sup>5</sup>] [,] [microwave exteriors][,] [sink[s]][,] [mirror[s]][,] [glass][,] [faucet[s]][,] [windows][,][exterior surfaces of appliances][,] [stainless steel][,] [glass furniture][,] [oven fronts][,] [bathtub] [tub] [&] [tile], [toilet], [shower], [exterior surfaces of microwaves][,] [and][shiny][surfaces<sup>4</sup>][most hard, nonporous surfaces<sup>4</sup>][most surfaces<sup>4</sup>][most shiny surfaces<sup>4</sup>][most][household surfaces<sup>4</sup>][throughout the kitchen<sup>4</sup>][throughout the bathroom][throughout your home<sup>4</sup>] [finished wood] [glazed ceramic and porcelain] [laminated] [vinyl][marble][tile] [floors][.]
- [Helps] [Eliminate Odors] [and] Cleans to a [virtually] streak-free shine ([on] [floors], [glass], [windows], [mirrors], [faucets], [exterior surfaces of appliances], [stainless steel], [stove tops<sup>5</sup>], [glass furniture], [oven fronts], [and] [shiny surfaces<sup>4</sup>] [countertops<sup>4</sup>][,] [stove tops<sup>5</sup>] [,] [microwave exteriors][,] [sink[s]][,] [mirror[s]][,] [glass][,] [faucet[s]][,] [windows][,][exterior surfaces of appliances][,] [stainless steel][,] [glass furniture][,] [oven fronts][,] [exterior surfaces of microwaves][,] [bathtub] [tub] [&] [tile], [toilet], [shower], [and][shiny][surfaces<sup>4</sup>][most hard, nonporous surfaces<sup>4</sup>][most surfaces<sup>4</sup>][most shiny surfaces<sup>4</sup>][most][household surfaces<sup>4</sup>][throughout the kitchen<sup>4</sup>][throughout the bathroom][throughout your home<sup>4</sup>] [finished wood] [glazed ceramic and porcelain] [laminated] [vinyl][marble][tile][floors][.]
- Thorough[ly] clean to [reveal] [a] [Brilliant] [Sparkling] [Virtually] [100%] [streak free] shine ([on][countertops][,] [stove tops<sup>5</sup>] [,] [microwave exteriors][,] [sink[s]][,] [mirror[s]][,] [glass][,] [faucet[s]][,] [windows][,][exterior surfaces of appliances][,] [stainless steel][,] [glass furniture][,] [oven fronts][,] [exterior surfaces of microwaves][,] [and][shiny][surfaces<sup>4</sup>] [bathtub] [tub] [&] [tile], [toilet], [shower], [most hard, nonporous surfaces<sup>4</sup>][most surfaces<sup>4</sup>][most shiny surfaces<sup>4</sup>][most][household surfaces<sup>4</sup>][throughout the kitchen<sup>4</sup>][throughout the bathroom][throughout your home<sup>4</sup>] [finished wood] [glazed ceramic and porcelain] [laminated] [vinyl][marble][tile][floors] [.]
- Thoroughly cleans without leaving [virtually] [any] [smears][or] [streaks] [or] [film] ([on][countertops<sup>4</sup>][,] [stove tops<sup>5</sup>] [,] [microwave exteriors][,] [sink[s]][,] [mirror[s]][,] [glass][,] [faucet[s]][,] [windows][,][exterior surfaces of appliances][,] [stainless steel][,] [glass furniture][,] [oven fronts][,] [exterior surfaces of microwaves][,] [and][shiny][surfaces<sup>4</sup>] [bathtub] [tub] [&] [tile], [toilet], [shower], [most hard, nonporous surfaces<sup>4</sup>][most surfaces<sup>4</sup>][most shiny surfaces<sup>4</sup>][most][household surfaces<sup>4</sup>][throughout the kitchen<sup>4</sup>][throughout the bathroom][throughout your home<sup>4</sup>] [finished wood] [glazed ceramic and porcelain] [laminated] [vinyl][marble][tile][floors][.]

## Odor elimination claims

- Clean and deodorize surfaces in rest rooms and toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas, and other places where bacterial growth can cause malodors.
- Deodorizes
- Deodorizes by killing microorganisms that cause offensive odors.
- Effective against odor causing bacteria
- [Eliminates][Neutralizes] odors [and freshens]
- Leaves a clean fresh scent.
- Provides long lasting freshness against tough [pet] odors such as odors from litter boxes and pet accidents.
- Tough on odors
- Deodorize coolers, buckets, garbage pails and other areas where [obnoxious] [unpleasant] [stinky] [funky] [yucky] [awful] odors [may] develop
- [Helps] Eliminate[s] odors [at the source] on ([hard surfaces] [glass], [windows], [mirrors], [faucets], [exterior surfaces of appliances], [stainless steel], [stove tops<sup>5</sup>], [glass furniture], [oven fronts], [exterior surfaces of microwaves], and [shiny surfaces<sup>4</sup>], [hard, nonporous surfaces<sup>4</sup>]).
- With [a] [touch] [of] [Summer][Orchard][Fresh][Clean] [Citrus] [Breeze] [Citrus & Light] [freshness] [fresh scent]
- [Helps] eliminate odors [in the air] with [Summer][Orchard][Fresh][Clean] [Citrus] [Breeze] [Citrus & Light] [freshness] [fresh scent]
- Does not just cover up and/or mask odors / [removes] [eliminates] [helps eliminate] [helps remove] odors
- Neutralizes odors
- Great Scent
- ([Helps][to][Eliminate[s]]) ([Fish odors/malodors/smell][,][Mold odors/malodors] [and][Mildew odors/malodors] [,] [Smoke] [smoke] [,] [and][Bacon Grease] [bacon grease] [odors][malodors]) [in the air][.]
- [Helps] [Eliminate Odors], [Cuts grease], and [shines]
- [Helps] [Eliminate Odors], Cuts grease [and grime], and shines [surfaces<sup>4</sup>]
- [Helps] [Eliminate Odors], Cleans [and] [shines], [and] [hard non-porous household surfaces<sup>4</sup>]
- [Helps] [Eliminate Odors], Cleans, and shines [throughout the house<sup>4</sup>] [quickly and easily]
- [Helps] [Eliminate Odors], [and] Cleans [hard non-porous surfaces<sup>4</sup>], [deodorizing] while leaving a [virtually] streak-free shine
- Combines cleaning with [virtually] streak-free shine
- [Helps] [Eliminate Odors] [as it cleans] [and shines]
- Powerful cleaning without [the harsh odor].
- Powerful clean with the freshness of [Summer][Orchard][Fresh][Clean] [Citrus] [Breeze] [Citrus & Light]
- [Helps] Eliminate odors [caused by bacteria]
- [When used as directed] Deodorizes areas [generally] [hard to keep fresh] [smelling], [such as] [garbage storage areas], [empty garbage bins] [and] [cans], [toilet bowl], [behind] [and] [under sinks] [and other areas] [prone to odors] [caused by microorganisms] (where bacterial growth can cause malodors).
- ([As it dries, it] [Deodorizes and] [Freshens and]) cleans away the odors trapped on ([hard] surfaces [glass], [windows], [mirrors], [faucets], [exterior surfaces of appliances], [stainless steel], [stove tops<sup>5</sup>], [glass furniture], [oven fronts], [exterior surfaces of microwaves]), and ([shiny surfaces<sup>4</sup>], [hard, nonporous surfaces<sup>4</sup>]), leaving your ([hard] surfaces<sup>4</sup> [glass], [windows], [mirrors], [faucets], [exterior surfaces of appliances], [stainless steel], [stove tops<sup>5</sup>], [glass furniture], [oven fronts], [exterior surfaces of microwaves]), and ([shiny surfaces<sup>4</sup>], [hard, nonporous surfaces<sup>4</sup>]) virtually free of odor causing bacteria.
- Cleans and Freshens [glass], [windows], [mirrors], [faucets], [exterior surfaces of appliances], [stainless steel], [stove tops<sup>5</sup>], [glass furniture], [oven fronts], [exterior surfaces of microwaves], and [shiny surfaces<sup>4</sup>], [hard, nonporous surfaces<sup>4</sup>][.]

### Odor elimination claims (cont.)

- Cleans away the odors trapped on ([hard] surfaces [glass], [windows], [mirrors], [faucets], [exterior surfaces of appliances], [stainless steel], [stove tops<sup>5</sup>], [glass furniture], [oven fronts], [exterior surfaces of microwaves]), and ([shiny surfaces<sup>4</sup>], [hard, nonporous surfaces<sup>4</sup>]), leaving your ([hard] surfaces<sup>4</sup> [glass], [windows], [mirrors], [faucets], [exterior surfaces of appliances], [stainless steel], [stove tops<sup>5</sup>], [glass furniture], [oven fronts], [exterior surfaces of microwaves]), and ([shiny surfaces<sup>4</sup>], [hard, nonporous surfaces]) virtually free of odor causing bacteria.
- Cleans [Removes] [Dissolve] [away] [rust] [soap scum] [crusty] [lime scale] [hard water] [stains] [dirt] [grease] [grime] [mold stains] [mildew stains]
- Disinfects<sup>1</sup> [as it cleans] [and freshens]

### Odor Elimination + Antimicrobial

- [Makes cleaning easy] [Cleans and disinfects<sup>1</sup>] while helping to eliminate odors [with] [freshness] [a fresh scent].
- Easily cleans hard greasy dirt [while [helping to] eliminate odors] [freshness and/or fresh scent]
- Leaves your surface<sup>4</sup> virtually free of [from] odors and the bacteria that cause them.
- Cleans away odors and kills the bacteria that cause them.
- [Helps] eliminate[s] odors. [Kills] [Removes] [Gets rid of] [99.9% of] the bacteria that cause them.
- Effective against [99.9% of] bacteria that cause odors [on [hard] surfaces<sup>4</sup> [glass], [windows], [mirrors], [faucets], [exterior surfaces of appliances], [stainless steel], [stove tops<sup>5</sup>], [glass furniture], [oven fronts], [exterior surfaces of microwaves], and [shiny surfaces<sup>4</sup>], [hard, nonporous surfaces<sup>4</sup>] [floors]
- [Remove] [germs<sup>8</sup>] [and] [bacteria] from your home [while] leaves[-ing] your home smelling fresh.
- Kills bacteria that cause odors [on surfaces<sup>4</sup>].
- ([Kills] [Removes] [Gets rid of]) [99.9%] [of] bacteria that cause odors (on [hard] surfaces<sup>4</sup> [glass], [windows], [mirrors], [faucets], [exterior surfaces of appliances], [stainless steel], [stove tops<sup>5</sup>], [glass furniture], [oven fronts], [exterior surfaces of microwaves]), and [shiny surfaces<sup>4</sup>], [hard, nonporous surfaces<sup>4</sup>] [floors]
- ([Kills] [Removes] [Gets rid of]) [99.9%] [of] bacteria while leaving [a] [fresh] [clean] [citrus] scent [and/or] [freshness]
- Kill[s] 99.9% of germs<sup>8</sup>, while leaving your home smelling fresh and clean.
- Cleans away the odors trapped on your household surfaces<sup>4</sup>, leaving your surface [virtually free] [of] odor causing [bacteria]. or Cleans away the odors trapped on your household surfaces. Leaving your surface without the odor causing [bacteria].
- Kill[s] 99.9% of germs<sup>8</sup>, while leaving your home smelling fresh and clean.

### Antimicrobial claims

- 5 minute acting [disinfectant] [antimicrobial]
- [Antibacterial][Antimicrobial][Disinfects]
- Convenient 5 minute hospital disinfection
- Disinfects (*insert from approved list of pathogens*) in [just] 5 minutes
- Disinfects surfaces<sup>4</sup> by killing [99.9%] SARS-Related Coronavirus 2 [SARS-CoV-2] [USA-WA1/2020] [in one step<sup>1</sup>]
- Effective against SARS-Related Coronavirus 2<sup>4</sup> [SARS-CoV-2] [USA-WA1/2020] [in 1 minute]
- [Effective against] [Disinfects] [Kills] [99.9%] SARS-CoV-2<sup>4</sup> [virus]
- [Effective against] [Disinfects] [Kills] [99.9%] SARS-CoV-2<sup>4</sup> [virus]
- [Effective against] [Disinfects] [Kills] [99.9%] SARS-CoV-2 virus<sup>4</sup>, the cause of COVID-19
- Eliminates 99.9% of Staphylococcus aureus and Klebsiella aerogenes when used according to the directions for sanitization
- For [multi-purpose<sup>1,4</sup>] [everyday] [daily] [touch-up] [cleaning] and disinfecting
- Hard, nonporous surface [antimicrobial][antibacterial][disinfectant]



### Antimicrobial claims (cont.)

- [improves labor results with] easy to use 5 minute hospital disinfection contact time
- is a complete, disinfectant [that provides clear use-solutions even in the presence of hard water].
- [Product name] is a [concentrated] [one-step<sup>4</sup>] [Hospital Use] disinfectant<sup>1</sup> cleaner that is effective against a broad spectrum of bacteria and is virucidal\* when used as directed.
- is a proven "one-step<sup>4</sup>" disinfectant<sup>1</sup>- cleaner - virucide\* - fungicide which is effective in water up to 250 ppm hardness in the presence of 5% serum contamination.
- is a proven "one-step<sup>4</sup>" disinfectant<sup>1</sup> - cleaner - virucide\* which is effective in water up to 250 ppm hardness in the presence of 5% serum contamination in 5 minutes [minute contact time]
- is an effective one-step<sup>4</sup> sanitizer<sup>2</sup>-cleaner for use on non-food hard, nonporous contact surfaces
- is virucidal\* in 5 minute contact time
- kills 99.9% Norovirus [in [just] 5 minutes]
- [Kills] [Effective against] the virus<sup>3,4</sup> that causes COVID-19
- [Kills] [Eliminates] 99.9% SARS-Related Coronavirus<sup>4</sup> [SARS-CoV-2] [USA-WA1/2020] [causative agent of COVID-19] [the virus that causes COVID-19]
- [Kills] [Removes] [Destroys] 99.9% (*Insert pathogen or pathogens from list on 9*) on [pre-cleaned] environmental surfaces<sup>4</sup> [in [just] 5 minutes]
- [Kills] [Removes] [Destroys] 99.9% (*Insert pathogen or pathogens from list on 9*) [in [just] 5 minutes]
- [Kills] [Removes] [Destroys] 99.9%<sup>4</sup> [of] [Germs] [Bacteria] [and] [Viruses\*][and] [Fungus] [on [pre-cleaned] environmental surfaces] [in [just] 5][10] minutes]
- [Kills] [Removes] [Destroys] 99.9%<sup>4</sup> [of] Trichophyton Interdigitale in just 10 minutes
- Kills coronavirus<sup>3,4</sup> that causes COVID-19
- Kills the virus<sup>3,4</sup> that causes COVID-19
- Kills the coronavirus<sup>3,4</sup> that causes COVID-19
- Kills [99.9% of] SARS-CoV-2<sup>4</sup>, which causes COVID-19
- Tested using AOAC Use-Dilution method for a 5 minute contact time
- Provides hospital disinfection [in] [in just] 5 minute[s] [contact time]
- Provides non-food contact sanitization [eliminates 99.9%] in [just] 45 second[s] [contact time]
- Sanitizes in [just] 45 second[s] [contact time]
- [Proven to] kill[s] coronavirus<sup>3,4</sup>
- [Proven to] kill[s] the virus<sup>3,4</sup> that causes COVID-19
- [Kills] [Removes] [Destroys] 99.9% of Trichophyton interdigitale [athlete's foot fungus]
- Hospital disinfection
- Kills [the] COVID-19 virus<sup>3,4</sup>
- Kills 99.9% of germs<sup>4,8</sup> [including COVID-19 virus<sup>3</sup>]
- [Concentrated] [Compact] [Compacted] [Disinfecting] [Floor] [&] [Multi-Surface<sup>4</sup>] Cleaner
- Antibacterial
- Kills 99.9% of [Viruses\*] [and] [&] [Bacteria] [and] [&] [Fungi] [on hard, non-porous surfaces<sup>4</sup>]
- Kills 99.9% of [Bacteria] [and] [&][Viruses\*]<sup>4</sup>
- [Kills 99.9% of] [Disinfects against] {*insert pathogen[s] from Micro-Organisms Table*}
- Kills viruses\* that cause flu<sup>7</sup>
- This product is a formulation designed to provide effective cleaning, deodorization, and disinfection specifically for [general household<sup>4</sup> use] {insert site from Use Site table}
- When used as directed, disinfects hard non-porous surfaces<sup>4</sup>: [non-food contact] {insert site from Hard, Non-Porous Surface table}
- Cuts grease [and grime], [Kills Germs<sup>8</sup>], and [shines]
- Cuts grease, [disinfects], [deodorizes] ], [sanitizes], and [shines]
- Multi-Surface<sup>4</sup> Disinfecting hard, nonporous surfaces<sup>4</sup>
- Kills [Cold<sup>9</sup>] [and] [Flu<sup>7</sup>] viruses\*
- Kills Germs<sup>8</sup>
- Kills 99.9% of Germs<sup>8</sup>
- Sanitizes

### Antimicrobial claims (cont.)

- Disinfecting cleaner kills 99.9% of germs<sup>8</sup>.
- An effective [cleaner], [disinfectant], [sanitizer], [deodorizer], [odor eliminator] for use in the [kitchen], [bathroom], [bedroom], [playroom], [family room], [living room], and other [household] areas<sup>4</sup>.
- Disinfects as it cleans [indoor] [and] [outdoor] surfaces<sup>1,4</sup>.
- Kills bacteria that cause odors

### Usage claims

- For [homes,] Institutional and Industrial Use
- For hard, nonporous household surfaces<sup>4</sup> [all around the house] indoor and outdoor
- For use [away from home][in public places]
- Is a [versatile] disinfectant and for hard, nonporous nonfood contact surfaces in Veterinarian, Animal care and Farm Premise applications.
- Multi-purpose<sup>1,4</sup>
- Multi-surface<sup>4</sup>
- Use this product to clean, sanitize and disinfect hard, nonporous ambulance equipment and surfaces.
- Great for kitchens<sup>4</sup>, bathrooms and other tough jobs
- Cuts Grease
- Degreases [Degreaser]
- Cleans [[kitchens], [bathrooms], [glass], [windows], [mirrors], [appliances], [household surfaces<sup>4</sup>] [and shiny surfaces<sup>4</sup>]]
- Cleans [[glass], [windows], [mirrors], [faucets], [exterior surfaces of appliances], [stainless steel], [stove tops<sup>5</sup>], [glass furniture], [oven fronts], [exterior surfaces of microwaves]], and [[shiny surfaces<sup>4</sup>], [surfaces<sup>4</sup>] [sealed] [finished][finished wood] [laminated][marble] [vinyl] [tile] [linoleum] [floors] .
- Great for kitchens<sup>4</sup>, bathrooms, and other tough jobs
- Ready to use / concentrated [can be used in dilution]
- Versatile [-works on [a wide range of] [hard, non-porous surfaces<sup>4</sup>], [surfaces<sup>4</sup>] [sealed] [finished wood] [laminated][marble] [vinyl] [tile] [linoleum] [floors] .
- Great for kitchens<sup>4</sup>, bathrooms, and other tough jobs [See “surfaces for disinfecting, cleaning, deodorizing, [help[-s][-ing] to] eliminate odors [on] [in], freshen[s], sanitize[s]” listed below.
- [Recommended] [non-abrasive] [for] [non-scratch] [cleaning] [cleaner] of [showers] [tubs] [shower doors] [curtains] [fixtures] [and] [toilet bowls].

### Value claims

- Helps you finish [disinfecting]
- [Is a disinfectant cleaner that] cleans, disinfects and deodorizes in one labor saving step<sup>1</sup>.
- [Is] an economical concentrate that can be diluted for use with [with a mop and bucket], [sponge or by soaking], [Immersion in bulk liquid] [Squirt spouts/nozzles] [Trigger sprayers], [and or] [spray floor mops].
- Is effective yet economical.
- Makes (insert value) [{Gallons} {Quarts} {Containers} {XX oz. bottles}]
- Saves [Labor] times [with 5 minute disinfection]
- \_\_\_ % free
- \_\_\_ % bonus
- \_\_\_ oz. at the \_\_\_ oz. price
- \_\_\_ oz. more vs. \_\_\_ oz.
- \_\_\_ % more vs. \_\_\_ oz.
- Value size
- Value pack
- Trial size
- Free sample
- Economy size
- Institutional size
- Get \_\_\_ oz. free
- Only [\$]\_\_\_ [cents] per use
- Get the same level of clean for 1/\_\_\_ the cost
- Undo weeks of dirt within minutes
- Bonus Bottle
- X% more
- Bonus [Pack] [Size]
- Bundle Pack
- Club [Pack] [Size]
- Combo Pack
- Double Pack
- Double Size
- Limited Time
- Multi-Pack
- Twin Pack
- Triple Pack
- Twin Size
- Triple Size
- Value [Pack] [Size]
- 2 pack
- 3 pack
- 4 pack
- [2] [3] [4] [Bundle][Bottles] [Kits] [Pack] [Packs]

## Surface Safety Claims

{Note to reviewer: the following claims are optional. Surface types may be indicated in list or paragraph form and may be separated by commas and/or the words “and” or “or”. }

- [Note:] [Will not harm most][washable][surfaces.] [However,] [on] hard, nonporous [ painted surfaces] [and][wall coverings,] [always] [test a small area before use.]
- Safe to use on [most] hard, non-porous surfaces [made] [of] [:] [insert one or more surface types from list][.]
- If [applied to] [used on] [applied full strength<sup>1,2</sup> to] [used full strength<sup>1,2</sup> on] [insert one or more surface types from list][,] [rinse with water][and][then]wipe dry immediately.
- Use only diluted [solution] on [insert one or more surface types from list][.]
- May cause discoloration on [insert one or more surface types from list][.]
- Not recommended for [carpets][,] [and][or][unfinished][waxed][oiled][,][or] [wood] [floors][,] [and][or] [unsealed stone][,] [and][or] [unsealed granite][,] [and][or] [unsealed concrete] [,] [and][or] [non-glazed tile] [,] [and][or] [unsealed][real][non-synthetic] [marble] [floors][,] [insert one or more surface types from list][.]
- Not recommended for [insert one or more surface types from list][.]”.

## Surface types for use with surface safety claims:

[acrylic] plastic[s] [laminated]  
aluminum  
brass  
chrome  
sealed concrete  
copper  
enamel  
fiberglass  
finished wood  
glazed [ceramic] tile  
sealed granite  
laminated  
linoleum  
metal  
nickel  
[old] glazed porcelain [tile][enamel]  
painted surfaces  
PVC  
rubber  
sealed stone  
stainless steel  
[synthetic] sealed marble  
finished [,][oiled][,][or] waxed [wood] [floors]  
vinyl  
wall coverings

[Cross-contamination is of major housekeeping concern.] **NUGEN® MB<sup>5</sup>A-4** has been formulated to aid in the reduction of cross-contamination between treated hard, nonporous surfaces not only in hospitals, but also in schools, institutions and industry.

#### **Use NUGEN® MB<sup>5</sup>A-4**

- as a disinfectant on hard, nonporous surfaces.
- by soaking, immersion.
- Dumping Area, Trays, Buggies, Racks, Egg Flats, Chick Holding Room, Hatchery Room, Chick Processing Area, Chick Loading Area, Poultry Buildings, Ceilings, Sidewalls and Floors, Drinkers and other Poultry House related equipment, and all other hard, nonporous surfaces in the Hatchery environment.
- for non-scratch cleaning of showers and tubs, shower doors and curtains, fixtures and toilet exteriors.
- for sanitizing and disinfecting of ultrasound transducers, probes, mammography compressor plates and other hard, nonporous surfaces.
- for Poultry Premise sanitization and disinfection [Hatcheries]: Egg Receiving Area, Egg Holding Area, Setter Room, Tray Dumping Area, Trays, Buggies, Racks, Egg Flats, Chick Holding Room, Hatchery Room, Chick Processing Area, Chick Loading Area, Poultry Buildings, Ceilings, Sidewalls and Floors, Drinkers and other Poultry House related equipment, and all other hard, nonporous surfaces in the Hatchery environment.
- for Farm Premise sanitization and disinfection of hard, nonporous surfaces: floors, walls, feed racks, mangers, troughs, automatic feeders, fountains and waterers, forks, shovels, scrapers and other hard, nonporous surfaces in barns, pens, stalls, chutes and other facilities and fixtures occupied or traversed by animals.
- for Swine Premise sanitization and disinfection: Waterers and Feeders, Hauling Equipment, Dressing Plants, Loading Equipment, Farrowing Barns and areas, Nursery blocks, Creep area, Chutes.
- in federally inspected Meat & Poultry Plants as a disinfectant on all surfaces<sup>2</sup> in inedible product processing areas, nonprocessing areas and / or exterior areas.
- On hard, non-porous surfaces of kitchens, bathrooms and other household areas.
- in work areas such as tool rooms and garages for odor control and light duty cleaning.
- on coils and drain pans of air conditioning and refrigeration equipment and heat pumps<sup>5</sup>.
- [on] [to clean, sanitize and disinfect] hard, 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 clean, warm water [about 120°F] and allow to air dry before reuse. [Precaution: Cleaning at above 120°F temperature could overheat and distort the personal safety equipment and require equipment replacement.]
- Use of this product will control unpleasant [malodors] odors.
- to clean and disinfect sealed finished floors. Must be applied with damp mop or autoscrubber. Cleans and disinfects without dulling gloss.
- to clean and disinfect sealed finished floors, sinks and tubs.
- to clean and disinfect hard, nonporous ambulance equipment and surfaces. Rinse with clean water all equipment that will come in prolonged contact with skin before reuse.
- [to clean and disinfect] hard, nonporous exercise equipment and training tables.
- to clean and disinfect hard, nonporous salon / barber tools and instruments: combs, brushes, scissors, blades and manicure instruments.
- to deodorize coolers, buckets, garbage pails and other areas where strong odors may develop.
- to remove odors caused by flooding and smoke from fires.
- with a mop and bucket, sponge, squirt spouts/nozzles, trigger sprayers, spray floor mop

**NUGEN® MB<sup>5</sup>A-4** is a phosphate free, germicidal detergent effective on visibly clean hard, nonporous surfaces found at mushroom farms. **NUGEN® MB<sup>5</sup>A-4** has been designed for use between mushroom crops. Areas of intended use include breezeways and track alleys before spawning, inside and outside walls of mushroom houses, lofts, floors, storage sheds and casing rings. Use of **NUGEN® MB<sup>5</sup>A-4** must be limited to areas where compost and mushrooms are not present.

**[AREAS OF USE:]**

Use **NUGEN® MB<sup>5</sup>A-4** on hard, nonporous surfaces in:

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

Bathrooms  
Homes [Households]  
Kitchens

Clinics  
Dental offices  
Health Care Facilities  
Hospitals  
Medical Offices  
Medical Related facilities  
Nursing homes  
Sick Rooms  
Long term care facilities

Day care centers  
Nurseries

Bars  
Cafeterias  
Convenience stores  
Food processing plants  
Food storage areas  
Institutional kitchens  
Restaurants [Front of House]  
USDA inspected food processing facilities  
Fish Markets  
Lounges

Athletic facilities  
Barber shops  
Health spas  
Business and office buildings  
Colleges  
Correctional facilities  
Dressing rooms  
Exercise facilities  
Locker rooms  
Factories  
Hotels  
Institutional facilities  
Institutions  
Locker rooms  
Motels  
Offices

Prisons  
Public facilities  
Public rest rooms,  
Schools  
Shower and bath areas  
Salons [Beauty] [Tanning]  
Universities  
Theaters  
Auditoriums  
Churches

Camp grounds  
Playground equipment

Animal laboratories  
Dairy farms  
Farms  
Hog farms  
Kennels  
Mushroom Farms  
Poultry farms  
Pet animal quarters  
Pet shops  
Turkey farms  
Zoos  
Veterinary Clinics

Airplanes  
Airports  
Ambulances  
Boats  
Buses  
Campers  
Cars  
Elevators  
Emergency [Police] [EMS] [Fire] [Rescue] vehicles

Mobile homes  
Ships  
Taxis  
Trailers  
Trains  
Transportation terminals

**[TYPES OF SURFACES:]**

Use **NUGEN® MB<sup>5</sup>A-4** on washable hard, nonporous surfaces of:

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

Appliances, exteriors	Tiles, glazed
Bathroom fixtures	Ultrasonic baths
Bathtubs [fiberglass]	Urinals
Cabinets	Walls
Call Buttons	Whirlpool [bathtubs] [tubs] [units]
Cages	
Chairs	Non-critical medical device surfaces:
Coils and drain pans of air conditioning and refrigeration equipment and heat pumps <sup>5</sup>	Beds [Medical] [Hospital]
Computer keyboards	Bed frames
Tablet computers	Bed rails
Conductive flooring	Crutches
Counters [Countertops]	Defibrillators
Countertop laminates	Gurneys
Desks	Non-critical [hospital] [medical] equipment surfaces:
Doorknobs [Door handles]	[Medical] Examining tables
Faucets	[Medical] [Hospital] Lamps
Floors	Rescue tools
Foot Spas	Resuscitators
Garbage cans	[Medical] [Hospital] Scales
Highchairs	Stands
Kennel runs	Stretchers
Microwave ovens, exteriors	Stethoscopes
Outdoor [patio] furniture except cushions and wood frames	Walkers
Refrigerators, exteriors	Wheel chairs
Refrigerated storage and display equipment <sup>5</sup>	Other hard, nonporous surfaces made of:
Remote controls	Glazed ceramic
Showers	Glazed enameled surfaces
Shower stalls	Glazed porcelain
[Fiberglass] Shower stalls	Laminated surfaces
[Tiled] Shower walls	Metal
[Fiberglass] Sinks [bathroom] [kitchen]	Plastic [such as polystyrene or polypropylene]
Sinks [bathroom] [kitchen]	Sealed stone
Stoves <sup>5</sup> [stovetops <sup>5</sup> ]	Stainless steel
Tables, [Non-wooden picnic tables]	Woodwork, finished
Telephones	
Mobile phones	
Toilet exteriors	
Toilet bowl exteriors	
Toilet bowl surfaces	
Toilet seats	
Toys <sup>6</sup>	
Tubs [Fiberglass]	

**[Pathogens]**

**NUGEN® MB<sup>5</sup>A-4** is a [one-step<sup>4</sup>] [hospital use] disinfectant, bactericidal tested following the current AOAC Use Dilution and Virucidal\* tested following the virucidal qualification modified in the presence of 250 ppm hard water plus 5% organic serum against:

{or}

**NUGEN® MB<sup>5</sup>A-4** is effective against:

<b>1 MINUTE CONTACT TIME:</b>
[Viruses:] *SARS-Related Coronavirus 2 [SARS-CoV-2] [cause of COVID-19]
<b>5 MINUTE CONTACT TIME:</b>
[Bacteria:] <i>Pseudomonas aeruginosa</i> [ATCC 15442] <i>Salmonella enterica</i> [ATCC 10708] <i>Staphylococcus aureus</i> [ATCC 6538] <i>Klebsiella aerogenes</i> [ATCC 13048] <i>Escherichia coli</i> [E. coli] [ATCC 11229] <i>Escherichia coli</i> O157:H7 [E. coli O157:H7] [ATCC 35150] <i>Klebsiella pneumoniae</i> [ATCC 4352] <i>Listeria monocytogenes</i> [ATCC 19117] <i>Streptococcus pyogenes</i> [Strep] [ATCC 19615]
[Viruses:] *Adenovirus Type 5 [ATCC VR-5] [Strain Adenoid 75] *Herpes Simplex Virus Type 1 [ATCC VR-260] *Herpes Simplex Virus Type 2 [ATCC VR-734] *Human Coronavirus [ATCC VR-740] *Influenza A Virus [H7N9] [A/Anhui/1/2013] *Influenza A Virus [Influenza Virus] [A/8/68] *[Human] Norovirus [Norwalk Virus] [ATCC VR-782] *Respiratory Syncytial Virus [RSV] [ATCC VR-26] *Rotavirus [ATCC VR-2018, Strain WA] *SARS associated Coronavirus [SARS] [CDC Strain 200300592]
[Animal Viruses:] Avian Influenza [H5N1] [NIBRG-14] Feline Calicivirus [ATCC VR-782]
[Fungi:] <i>Candida albicans</i> [ATCC 10231]
<b>10 MINUTE CONTACT TIME:</b>
[Fungi:] <i>Trichophyton interdigitale</i> [athlete's foot fungus] [ATCC9533] [without dilution]

**NUGEN® MB<sup>5</sup>A-4** is an effective sanitizer for use on hard, non-porous, food contact surfaces in 200 ppm hard water against:

<b>45 SECONDS CONTACT TIME:</b>
[Bacteria:] <i>Klebsiella aerogenes</i> [ATCC 13048] <i>Staphylococcus aureus</i> [ATCC 6538]



## EMERGING VIRAL PATHOGENS CLAIMS

*{Note to Reviewer: These statements for claims against large non-enveloped, and/or enveloped emerging viral pathogens shall not appear on marketed (final print) product labels.}*

This product qualifies for emerging viral pathogen claims per the EPA's "Guidance to Registrants: Process for Making Claims Against Emerging Viral Pathogens not on EPA-Registered Disinfectant Labels" when used in accordance with the appropriate use directions indicated below.

**NUGEN® MB<sup>5</sup>A-4** meets the criteria to make claims against certain emerging viral pathogens from the following viral category[ies]:

- Enveloped Viruses
- Large, Non-Enveloped Viruses

<i>For an emerging viral pathogen that is a/an...</i>	<i>...follow the directions for use for the following organisms on the label:</i>
Enveloped virus	Norwalk Virus – Norovirus
Large, non-enveloped virus	Norwalk Virus – Norovirus

**[Product Name]** has demonstrated effectiveness against viruses similar to **[name of emerging virus]** on hard, nonporous surfaces. Therefore, **NUGEN® MB<sup>5</sup>A-4** can be used against **[name of emerging virus]** when used in accordance with the directions for use against Norovirus on hard, nonporous surfaces. Refer to the **[CDC or OIE]** website at **[pathogen-specific website address]** for additional information.

**[Name of illness/outbreak]** is caused by **[name of emerging virus]**. **NUGEN® MB<sup>5</sup>A-4** kills similar viruses and therefore can be used against **[name of emerging virus]** when used in accordance with the directions for use against Norovirus on hard, nonporous surfaces. Refer to the **[CDC or OIE]** website at **[website address]** for additional information.

**Dilution:**

Sanitization [1/4].....32 oz. diluted to 1 gallon with water [1005 ppm active]  
Disinfection [1/4].....32 oz. diluted to 1 gallon with water [1005 ppm active]  
Disinfection [As is]..... No dilution [4020 ppm active]

*{If the following Spanish statement is used, it must appear directly above DIRECTIONS FOR USE.}*

**Aviso:** *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.]*

**DIRECTIONS FOR USE**

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

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

**Preparation of Disinfectant Use-Solution:**

[Dilute] 32 oz. with water to achieve 1 gallon of solution [1/4] or [or equivalent dilution]. For [heavy duty cleaning [fungicidal activity against Trichophyton interdigitale], use solution as is].

[Dilute] [32 oz.] [2 Pints] [4 cups] with water to achieve 1 gallon of solution [1/4] or [or equivalent dilution].

*{Note to reviewer: May substitute with other equivalent dilutions, such as: Dilute 1 cup with water to achieve 1 quart [cleaning] solution, Dilute 2 oz with water to achieve 1 cup [cleaning] solution, to achieve, Dilute 250 mL with water to achieve 1 L [cleaning]}*

**DISINFECTION / VIRUCIDAL\* / FUNGICIDAL:**

Apply use-solution to hard, nonporous surfaces, thoroughly wetting surfaces with a cloth, mop, sponge, sprayer or by immersion. Treated surfaces must remain visibly wet for 5 minutes [10 minutes for Trichophyton interdigitale]. *{Note to reviewer: if claiming reduced contact time for SARS-CoV-2, the following sentence will be required:}* **[For SARS-CoV-2,** treated surfaces must remain visibly wet for 1 minute.] Wipe dry with a cloth, sponge or mop [or allow to air dry]. For visibly soiled areas, a preliminary cleaning is required.

[For sprayer applications, use a coarse spray device. Spray 6 - 8 inches from the surface. Do not breathe spray.]

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

*{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 semi-critical medical devices prior to sterilization or high level disinfection].

*{or}*

This product is not for use on medical device surfaces.

**NON-ACID TOILET BOWL [AND URINAL] DISINFECTANT / CLEANER DIRECTIONS:**

Remove visible filth prior to disinfection.

Add 32 oz. of solution to the bowl and mix. Brush over exposed surfaces and under the rim; allow to stand for 5 minutes and flush.

## **FOR USE AS A ONE-STEP CLEANER AND DISINFECTANT BY ELECTROSTATIC SPRAYING<sup>4</sup>:**

Electrostatic spray application is for efficacy claims with a 10 minute contact time and 1:4 dilution. This application method is not to be used for sanitization or fungicidal claims.

- Ensure bystanders and pets are not present in the room during application.
- Clean visibly dirty surfaces prior to spraying.
- Wear a N95 filtering facepiece respirator or half face respirator with a N95 filter and eye protection (goggles, face shield or safety glasses) when spraying.
- Select a spray nozzle that produces spray droplet particles with a volume median diameter (VMD)  $\geq 80$   $\mu\text{m}$ .
- Place the electrostatic spray function in the ON position for electrostatic spray models that have the functionality to toggle ON/OFF.
- Hold the sprayer nozzle 1-2 feet away from the target surface. Starting at the highest point and working down to the lowest point, spray target surfaces using a smooth methodical "S" pattern. To avoid leaving gaps in sprayed surfaces, overlap previously treated surfaces when moving onto subsequent sections.
- The target surface must remain visibly wet for {insert contact time}. Re-apply product as necessary to keep surface visibly wet for the duration of the contact time. Wipe surfaces dry (or rinse) (or allow to air dry).
- Allow the treated room to remain unoccupied for 15 minutes before reentering.

**FOR USE ON FINISHED FLOORS:** To limit gloss reduction use use-solution of **NUGEN® MB<sup>5</sup>A-4**. Apply with a damp mop, spray mop [system] or auto scrubber or spray. Allow surface to remain visibly wet for 5 minutes. Wipe or allow to air dry.

## **SALON / BARBER INSTRUMENTS AND TOOLS DISINFECTION [BACTERICIDE] / VIRUCIDE DIRECTIONS:**

Use **NUGEN® MB<sup>5</sup>A-4** use-solution to disinfect hard, nonporous instruments and tools. Completely immerse combs, brushes, rollers, manicure and other salon instruments and allow them remain visibly wet for 5 minutes. For visibly soiled instruments and tools, a preliminary cleaning is required. Rinse thoroughly and dry before use.

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

## **ULTRASONIC BATH DISINFECTANT / VIRUCIDAL DIRECTIONS:**

Use **NUGEN® MB<sup>5</sup>A-4** to disinfect hard, nonporous, non-critical objects compatible with Ultrasonic cleaning units. Pour fresh use-solution directly into bath chamber. Preclean visibly soiled objects. Place objects into unit and operate for a minimum of 5 minutes, according to the manufacturer's directions. Remove objects and wash with sterile water [sterile water for injection] or allow to air dry. Prepare fresh solution for each use.

## **VETERINARY PRACTICE / ANIMAL CARE / ANIMAL LABORATORY / ZOOS / PET SHOP / KENNELS DISINFECTION / VIRUCIDAL DIRECTIONS:**

For cleaning and disinfecting hard, nonporous surfaces: equipment used for feeding or watering animals, utensils, instruments, cages, kennels, stables, catteries. Remove all animals and feeds from premises, animal transportation vehicles, crates, etc. Remove all litter, droppings and manure from floors, walls and surfaces of facilities occupied or traversed by animals. Empty all feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with a use-solution of **NUGEN® MB<sup>5</sup>A-4** for a period of 5 minutes. 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. Rinse all surfaces that come in contact with food, including equipment used for feeding or watering, with potable water before reuse. Ventilate buildings

and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried.

**TO SANITIZE NON-FOOD CONTACT SURFACES:**

Use **NUGEN® MB<sup>5</sup>A-4** use-solution to sanitize hard, nonporous surfaces. Treated surfaces must remain visibly wet for 45 seconds. Wipe dry with a sponge, mop, or cloth or allow to air dry. Do not use in food preparation, food handling and food storage areas. This product is not to be used on glassware, dishware, cookware or utensils.

**TO SANITIZE BARBER / SALON INSTRUMENTS AND TOOLS {Not For Use In California}:** Spray 6-8 inches away from precleaned barber / salon instruments and tools (such as combs, brushes, razors, scissors, blades and manicure instruments) using a use-solution of **NUGEN® MB<sup>5</sup>A-4** and allow them to remain visibly wet for at least 45 seconds. Rinse thoroughly and dry before use. Prepare a fresh solution daily or more often if solution becomes visibly diluted, cloudy or soiled.

**NOTE:** Plastics require no rinsing. Stainless steel shears and instruments should be rinsed and dried after 90 seconds and kept in a clean non-contaminated receptacle. Prolonged contact with the sanitizing solution may cause damage to metal instruments.

**FARM PREMISE USE:**

Remove all animals and feed from premises, vehicles and enclosures. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other facilities and fixtures occupied or traversed by animals. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Surfaces should be visibly clean prior to treatment. Saturate all surfaces with a use-solution of **NUGEN® MB<sup>5</sup>A-4** for a period of 5 minutes. Immerse all equipment<sup>4</sup> used in handling and restraining animals as well as forks, shovels and scrapers used for removing litter and manure. 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.

**POULTRY AND SWINE PREMISE DISINFECTION / VIRUCIDAL DIRECTIONS:**

Remove all animals and feeds from premises, vehicles and enclosures such as coops and crates. Remove all litter, droppings and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other facilities and fixtures occupied or traversed by animals. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Surfaces should be visibly clean prior to treatment. Use **NUGEN® MB<sup>5</sup>A-4** use-solution. Saturate surfaces with the disinfecting solution for 5 minutes. Immerse all equipment<sup>4</sup> used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure. Ventilate buildings, coops and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains and waterers with soap or detergent, and rinse with potable water before reuse.

**HATCHERIES:** Use **NUGEN® MB<sup>5</sup>A-4** use-solution [or undiluted product] to treat the following hard, nonporous surfaces: hatchers, setters, trays, racks, carts, sexing tables, delivery trucks and other hard surfaces. Surfaces should be visibly clean prior to treatment. Leave all treated surfaces wet visibly for 5 minutes. Then allow to air dry.

**VEHICLES:** Clean all vehicles including mats, crates, cabs and wheels with water or **NUGEN® MB<sup>5</sup>A-4** use-solution. Surfaces should be visibly clean prior to treatment. Apply **NUGEN® MB<sup>5</sup>A-4** use-solution to treat all vehicle surfaces. Leave all treated surfaces visibly wet for contact time indicated on the label; allow to air dry.

**DRESSING PLANT DISINFECTANT DIRECTIONS:** Disinfect equipment, utensils, walls and floors in poultry and animal dressing plants. Disinfect all rooms, exterior walls and loading platforms of dressing plants. Cover or remove all food and packaging materials. Remove all visible soil prior to application. Surfaces should be visibly clean prior to treatment. Saturate all surfaces with **NUGEN® MB<sup>5</sup>A-4** use-solution. Scrub to loosen all soils. Surfaces must remain visibly wet for 5 minutes, then thoroughly rinsed with potable water before operations are resumed.

**MUSHROOM FARM PREMISE USE:**

**Site Preparation:** The first step in any on-going sanitation program must be the removal of visible contamination and debris. This may be accomplished by using a shovel, broom, or vacuum, depending on the area to be disinfected.

**Cleaning and Disinfection:** For general cleaning and disinfection, use **NUGEN® MB<sup>5</sup>A-4** use-solution. Surfaces should be visibly clean prior to treatment. Apply use-solution using a sprayer 6-8 inches away from the surface to thoroughly wet the surfaces. Apply use-solution with a cloth, mop, sponge, sprayer or by immersion to thoroughly wet the surfaces. Treated surfaces must be allowed to remain visibly wet for 5 minutes. Wipe or allow to air dry. For visibly soiled areas, preclean first.

**For Heavy Duty Cleaning:** When greater cleaning is desired, use **NUGEN® MB<sup>5</sup>A-4** undiluted. Visibly soiled areas may require repeated cleaning before treatment.

**DO NOT APPLY USE-SOLUTION TO THE MUSHROOM CROP, COMPOST OR CASING.** Rinse treated surfaces with potable water before they contact the crop, compost or casing.

**TO [CLEAN] [AND] [DEODORIZE]:** Use **NUGEN® MB<sup>5</sup>A-4** use-solution to clean and deodorize surfaces. Apply using a sprayer. Wipe or allow to air dry.

{OR}

Dilute at [1 ounce] [or] [1/8<sup>th</sup> cup] per gallon of water. Apply [this product] [product name] to soiled area with a mop[,] [cloth][,] [or] [sponge]. Thoroughly wet soiled surface and clean as necessary. [For tough soils, may apply at full strength][and rinse]]

**DEODORIZING DIRECTIONS<sup>4</sup>:**

**SPRAY MOPPING SOLUTIONS:** **NUGEN® MB<sup>5</sup>A-4** use-solution eliminates undesirable odors. Allow surfaces<sup>4</sup> to air dry.

**NURSING HOMES, HOSPITALS, HOTELS, SCHOOLS, RESTAURANTS:** apply use-solution in chemical toilets, waste receptacles, bed pans, drainage bottles, diaper pails, hampers, disposals, commodes and air conditioner pans will eliminate odors.

**MOPPING SOLUTIONS, AUTOMATIC SCRUBBERS:** Use 32 oz. per gallon of cleaning solution eliminates undesirable odors.

**AIR FRESHENER/AUTOMOTIVE USES:** 64 ounces per gallon of water or desired concentration is effective on smoking and cooking odors (garlic, fish, onions, etc.). Automobile odors from tobacco, musty carpet smell and beverage smells will be eliminated.

**RV HOLDING TANKS:** Toilet waste: cover bottom of holding tank with water and add 32 oz. of **NUGEN® MB<sup>5</sup>A-4**. If odors return before time to empty, simply add 32 oz. to the tank. Kitchen waste: 32 oz. of **NUGEN® MB<sup>5</sup>A-4** to gray water tank as needed to control malodors created by dirty dish water.

**SEWAGE BACKUP, WATER DAMAGE:** 32 oz. per gallon of water or desired concentration. Spray over affected areas before and after cleaning and extraction. Allow 5 minutes contact time. Use proper ventilation; open windows.

**CLEANING SOLUTION:** Dilute 32 oz of solution with water to equal 1 gallon total for cleaning of kitchen counters, tables, walls, bathrooms, toilet seats, mopping floors and large routine applications. Apply to surfaces using trigger spray or other spray device. Remove excess liquid or allow surfaces to air dry. Rinse any food contact surface with potable water after use.

{OR}

**FOR GENERAL CLEANING[:][,] Dilute [1 ounce] [or] [1/8<sup>th</sup> cup] per gallon of water. Apply [this product] [product name] to soiled area with a mop[,] [cloth][,] [or] [sponge]. Thoroughly wet soiled surface and clean as necessary. [For tough soils, may apply at full strength][and rinse]]**

*{Note to reviewer: For Nonrefillable Containers, Label has Household and Residential Uses}*

**STORAGE AND DISPOSAL**

Store in original container in areas inaccessible to children. Nonrefillable container. Do not reuse or refill this container. Wrap [container] and put in trash or offer for recycling if available.

*{or}*

Store in original container in areas inaccessible to children. Nonrefillable container. Do not reuse or refill this container. Wrap [container] and put in trash or offer for reconditioning if appropriate.

*{Note to reviewer: For Nonrefillable Containers for commercial, industrial, and institutional uses – all sizes – No Reuse Rinsate Statement for Public Health Use products. Chapter 13, Table C3 of the Label Review Manual’s statements about burning are labeled as “Not required;” therefore, no incineration language is provided for plastic containers.}*

**STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Open dumping is prohibited. Store in original container in areas inaccessible to children.

**Pesticide Disposal:**

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**Container Disposal:**

Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying.

**[Plastic and Metal Containers:]** Triple rinse as follows: Fill container ¼ full with water and reclose the container. Agitate vigorously, and dispose of rinsate consistent with pesticide disposal instructions. Repeat two more times. Then offer for recycling if available or puncture and dispose in sanitary landfill or by other procedures approved by state and local authorities. Follow pesticide disposal instructions for rinsate. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state, and federal regulations.

**[Metal containers only:]** DO NOT cut or weld metal containers.

**[Bag in Box Containers:]** Completely empty bag into application equipment. Then offer for recycling if available or dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

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

**STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Open dumping is prohibited. Store in original container in areas inaccessible to children.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**Container Disposal:** Nonrefillable container. Do not reuse or refill this container. Wrap empty container and put in trash.



End Notes

- <sup>1</sup>When used according to the disinfection directions
- <sup>2</sup>When used according to the sanitization directions
- <sup>3</sup>SARS-Related Coronavirus 2
- <sup>4</sup>On hard, nonporous, non-food contact surfaces
- <sup>5</sup>Allow the surface to adjust to room temperature before disinfection
- <sup>6</sup>Rinse toys with clean potable water after disinfecting
- <sup>7</sup>Influenza A Virus H7N9 and Influenza A Virus H3N2
- <sup>8</sup>Kills Pseudomonas aeruginosa, Staphylococcus aureus, and Norovirus
- <sup>9</sup>Human Coronavirus and Respiratory Syncytial Virus
- <sup>10</sup>For use on refrigerator exteriors only

*{Note to reviewer: The following are considered optional graphics and marketing language.}*

*{Note to reviewer. The following may be used only if the supplemental registrant has obtained a Kosher Certification.}*

{Any Kosher Symbol such as:}

[Kosher]



{ Optional scent descriptor graphics: The below graphics are representative graphics that may be used to visualize the scent and may be presented as shown below or may differ slightly in graphic design but not intent on the final marketed product label.}



USA & CAN



TERRACYCLE

{RECYCLING LOGO: The below graphics can be used to build a recycling logo. Any combination of top, middle, material, and bottom section can be used to build the logo. A recycling logo is optional and may be presented as shown below or may differ slightly in graphic design but not intent on the final marketed product label.}

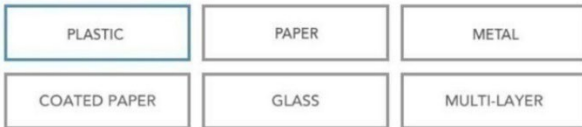
{TOP SECTION}



{MIDDLE SECTION}



{MATERIAL SECTION}



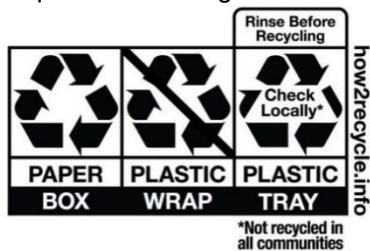
{BOTTOM SECTION}



{OPTIONAL TEXT}

\*Not recycled in all communities  
[how2recycle.info](http://how2recycle.info)

{Examples of Final Logos built from above sections}



**THE FOLLOWING SECTIONS CONTAIN PROPRIETARY  
LANGUAGE AND GRAPHICS.**

**THESE SECTIONS ARE ONLY AVAILABLE FOR  
SUPPLEMENTAL REGISTRANTS APPROVED FOR ITS  
USE.**

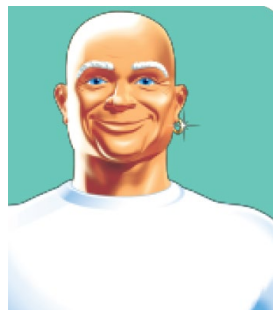
{Note to reviewer: The following are optional proprietary graphics}  
{Section 1}

**Graphics**



www.pg.com

P&G LOGO



**Mr. Clean®**

**Mr. Clean**

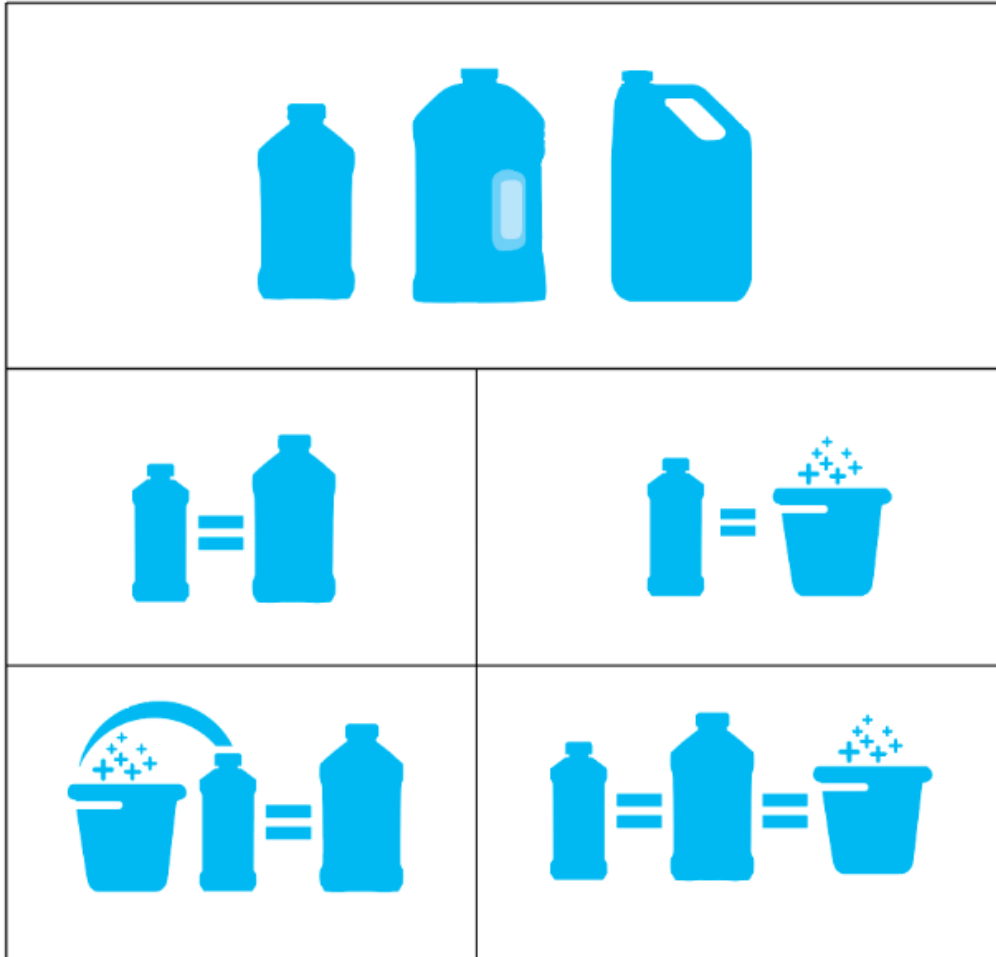
**Mr.  
Clean**

**Gain**

{Note to reviewer: The following are optional proprietary graphics}

**{Section 1 (cont.)}**

{Note to Reviewer: The bottle & bucket images below are intended to represent equivalent cleaning amount of product to use between concentrated product vs. original dilutes. Numbers and symbols may be present within package graphics to represent dilution equivalents.}



{Note to reviewer: The following are optional proprietary graphics}  
 {Section 1 (cont.)}



FEBREZE

{Note to reviewer: the following statements are optional language that may appear around the Febreze logos:}

- With Febreze
- With Febreze Freshness
- With the Freshness of Febreze
- With Febreze Odor Elimination
- With Febreze Odor Defense
- With Febreze Freshness and Odor Defense

{Note to reviewer: The following are optional proprietary graphics}

**{Section 1 (cont.)}**

**Claims**

- [Just] Mix [1 oz] [1/8<sup>th</sup> cup] [per] [with] [a] [1] [gallon] water {*must choose either “and” or “to”*} [and] or [to] [clean]
- 2x Cleaning Power [on tough dirt] [per Fl. Oz.] [per Ounce]
- 2x [Grease] [Cleaning] [Power] [in] [Every] [per] Drop [¥]
- XX more freshness
- XX [Buckets] [Weeks] [Feet] [of clean] [Floors] [Rooms]
- XX Weeks [of clean]
- Multi-Surface<sup>4</sup> Cleaner
- Cuts Grease
- Tough on grease
- Tough on sticky messes
- Cleans hard greasy dirt AND disinfects, [while [helping to] eliminate odors] [with the freshness of Febreze] [freshness and/or fresh scent]
- Mr. Clean cleans away the dirt and grime while freshening with [Summer][Orchard][Fresh][Clean] [Citrus] [Breeze] [Citrus & Light]
- [Mr. Clean] [Summer][Orchard][Fresh][Clean] [Citrus] [Breeze] [Citrus & Light] [Powerful] Multi-Surface<sup>4</sup> Cleaning [helps eliminate odors] [helps eliminate odors in the air]
- [2X] [2x] [Extra] [Ultra] Cleaning [Power] [Strength] [Concentrate] [Concentrated] [Compacted] [Compact] [Formula]
- 50% Less Water [per bottle] [¥]
- XX% Less [Plastic] [Fuel] [Gas] [¥]
- [XX%] [more] [buckets] [per] [/] [bottle] [¥]
- [Equal] [=] to XX [fl. Oz.] [ounces] non-concentrated
- [XX ounces] [=] XX ounces=XX Buckets
- [Makes] XX Buckets [per bottle]
- 2X Cleaning Power [1/2 the] [50%] [half the] [liquid] [solution] [¥]

¥[vs. current Mr Clean Multi-Surface Cleaner]