



Corrections and Clarifications Report

January 2022

The following Green Seal standards underwent non-substantive changes on January 28, 2022.

- GS-8, Edition 5.6, Cleaning Products for Household Use
- GS-37, Edition 7.7, Cleaning Products for Industrial and Institutional Use
- GS-48, Edition 1.6, Laundry Care Products for Household Use
- GS-51, Edition 1.7, Laundry Care Product for Industrial and Institutional Use
- GS-52, Edition 2.6, Specialty Cleaning Products for Household Use
- GS-53, Edition 2.7, Specialty Cleaning Products for Industrial and Institutional Use

Introduction

Corrections and Clarifications Reports (CCRs) are Green Seal's public record of all non-substantive changes made to Green Seal standards. CCRs do not undergo a public comment process due to their low impact on the standards. Substantive changes, which may raise or lower the bar of health and environmental leadership, are required to undergo Green Seal's rigorous stakeholder engagement process, including a 30-day public comment period.

Publication Schedule of CCRs

Corrections and Clarifications Reports are released on a quarterly basis on the last Friday of the month (currently, January, April, July, and October). These reports are available on Green Seal's website.¹

Edition Numbers of Standards

Although the text of a standard is clarified or corrected, the edition number of a standard (e.g., GS-8 Standard, Edition 5.5) remains the same after a Corrections and Clarifications Report.

Our Stakeholder-Based Process

Although non-substantive changes are not published for public comment, Green Seal remains open to input from our stakeholders on all issues regarding the text of standards. We encourage any interested party or individual to submit feedback on Green Seal standards via Green Seal's website contact form, email, or phone.

Clarifications

Green Seal periodically identifies problems with the text of a standard. In certain cases, a requirement may be worded in a way that leads to misinterpretations. In these cases, Green Seal clarifies the text of the standard via text deletions or text additions. The intent and reasoning behind clarifications is summarized in Corrections and Clarifications Reports.

Corrections

Green Seal standards undergo scheduled quality reviews during which errors may be noted. Examples of errors include typos, grammatical errors, misplaced text, omissions in information, and inconsistencies within a standard. The background of the error and the explanation for the correction is summarized in Corrections and Clarifications Reports.

Information about the Red-lined Text within CCRs

CCRs use formatting that is consistent with Green Seal's Standard Revision Proposals to depict the differences between the previous edition of a standard and the current edition.

- Text Boxes are used to highlight the excerpts of standard content.
- **Red font** is used to show that text has been added to a standard.
- Text with ~~strike through lines~~ show that text has deleted from a standard.

¹ Green Seal Standards Documents Library, <http://www.greenseal.org/green-seal-standards/library#section27>

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Standard for Cleaning Products, Household Use, GS-8

1. Carpet Cleaners, Product Performance, Correction

A typo has been corrected.

Updates to the Criterion Text

• Carpet cleaners. Using a standard test method, the manufacturer must demonstrate that its *carpet cleaner* product performs as well as a nationally-recognized or marketing-leading product in its category in both cleaning efficiency and resoiling resistance. Acceptable test methods/procedures to demonstrate performance include, but are not limited to, the following sources: the American Association of Textile Chemists and Colorists (AATCC), ASTM, the Institute of Inspection, Cleaning and Restoration Certification, the International Organization for Standardization (ISO), WoolSafe, the Carpet and Rug Institute or laboratory testing conducted as part of a bid evaluation by a government purchasing entity.

Final Text

• Carpet cleaners. Using a standard test method, the manufacturer must demonstrate that *its carpet cleaner* product performs as well as a nationally-recognized or marketing-leading product in its category in both cleaning efficiency and resoiling resistance. Acceptable test methods/procedures to demonstrate performance include, but are not limited to, the following sources: the American Association of Textile Chemists and Colorists (AATCC), ASTM, the Institute of Inspection, Cleaning and Restoration Certification, the International Organization for Standardization (ISO), WoolSafe, the Carpet and Rug Institute or laboratory testing conducted as part of a bid evaluation by a government purchasing entity.

2. Ingredient Disclosure, Microorganism Annex, Correction

In November 2021, Green Seal updated the product label requirements for microbial-based cleaning products. During this revision, Green Seal incorrectly restricted where on the product label manufacturers must disclose the intentional presence of microbial ingredients; disclosure was required within the product label's ingredient line.

Based on Green Seal's last decade of certifying products in this category and additional stakeholder outreach conducted in 2020 and 2021, Green Seal recognizes the need for flexible marketing approaches for this unique product category. Therefore, to provide necessary and appropriate flexibility, Green Seal has now adjusted the ingredient disclosure requirement. The update to this criterion provides greater flexibility for on-label product marketing while maintaining Green Seal's original objective for this criterion: to verify that buyers can easily access information (via the product label) to note the intentional presence of bioactive ingredients (in the case of these products, non-pathogenic microorganisms).

Updates to the Criterion Text

G. Product Label and User Information. ~~The ingredient line on the product label shall include disclose that the product contains *microorganisms*. the microbial ingredient(s). An alternative phrase for *microorganisms* may be approved by the certification program, e.g., bacterial cultures.”~~ Acceptable terms include “microorganisms,” “bacterial cultures,” or equivalent language approved by the certification program. The product label shall include a statement that the product will not function effectively when used in conjunction with disinfectants, such as chlorine bleach. For products that are sold in *spray packaging*,⁷ the product label shall include a statement that the product should not be sprayed into the air.

Final Text

G. Product Label and User Information. The product label shall disclose that the product contains *microorganisms*. An alternative phrase for *microorganisms* may be approved by the certification program, e.g., “bacterial cultures.” The product label shall include a statement that the product will not function effectively when used in conjunction with disinfectants, such as chlorine bleach. For products that are sold in *spray packaging*,⁷ the product label shall include a statement that the product should not be sprayed into the air.

3. Microbial-Based Cleaning Products, Appendix, Clarification

In November 2021, Green Seal made microbial-based cleaning products sold and/or designed for use in spray packaging eligible for certification. At the time, additional text was added to Appendix 1 – Scope to reflect this change. However, the new overall text was determined to be redundant. To clarify, the text of Appendix 1 – Scope has been updated to reduce redundancy, increase clarity, and align with the text in other standards.

Updates to Appendix Text

APPENDIX 1 – Scope (Informative)

Household Products Included in GS-8

- *Bathroom cleaners*
- Floor cleaning products
- *Glass cleaners* and mirror cleaning products
- *General-purpose cleaners*
- *Carpet cleaners*
- Products ~~that containing~~ *microorganisms* (e.g. ~~general purpose, glass, restroom, carpet~~)
- Products ~~that containing~~ *enzymes and are sold and/or designed for use in non-spray packaging* (e.g. ~~general purpose, glass, restroom, carpet~~)
- ~~Products that contain~~ *microorganisms* and are packaged in *spray packaging*
- ~~Products that contain~~ *enzymes* and are packaged in trigger bottles or squeeze bottles

Final Text

APPENDIX 1 – Scope (Informative)

Household Products Included in GS-8

- *Bathroom cleaners*
- Floor cleaning products
- *Glass cleaners* and mirror cleaning products
- *General-purpose cleaners*
- *Carpet cleaners*
- Products that contain *microorganisms*
- Products that contain *enzymes* and are sold and/or designed for use in *non-spray packaging*

Standard for Cleaning Products, Industrial and Institutional Use, GS-37

1. Ingredient Disclosure, Microorganism Annex, Correction

In November 2021, Green Seal updated the product label requirements for microbial-based cleaning products. During this revision, Green Seal incorrectly restricted where on the product label manufacturers must disclose the intentional presence of microbial ingredients; disclosure was required within the product label's ingredient line.

Based on Green Seal's last decade of certifying products in this category and additional stakeholder outreach conducted in 2020 and 2021, Green Seal recognizes the need for flexible marketing approaches in this unique product category. Therefore, to provide necessary and appropriate flexibility, Green Seal has now adjusted the ingredient disclosure requirement. The update to this criterion provides greater flexibility for on-label product marketing while maintaining Green Seal's original objective for this criterion: to verify that buyers can easily access information (via the product label) to note the intentional presence of bioactive ingredients (in the case of these products, non-pathogenic microorganisms).

Updates to the Criterion Text

G. Product Label and User Information. ~~The ingredient line on the product label shall include disclose that the product contains *microorganisms*. the microbial ingredient(s). An alternative phrase for *microorganisms* may be approved by the certification program, e.g., "bacterial cultures." Acceptable terms include "microorganisms," "bacterial cultures," or equivalent language approved by the certification program.~~ The product label shall include a statement that the product will not function effectively when used in conjunction with disinfectants, such as chlorine bleach. For products that are sold in *spray packaging*,¹⁰ the product label shall include a statement that the product should not be sprayed into the air.

Final Text

G. Product Label and User Information. The product label shall disclose that the product contains *microorganisms*. An alternative phrase for *microorganisms* may be approved by the certification program, e.g., "bacterial cultures." The product label shall include a statement that the product will not function effectively when used in conjunction with disinfectants, such as chlorine bleach. For products that are sold in *spray packaging*,¹⁰ the product label shall include a statement that the product should not be sprayed into the air.

2. Microbial-Based Cleaning Products, Appendix, Clarification

In November 2021, Green Seal made microbial-based cleaning products sold and/or designed for use in spray packaging eligible for certification. At the time, additional text was added to Appendix 1 – Scope to reflect this change. However, the new overall text was determined to be redundant. To clarify, the text of Appendix 1 – Scope has been updated to reduce redundancy, increase clarity, and align with the text in other standards.

Updates to Appendix Text

<p>APPENDIX 1 – Scope (Informative)</p> <p>Industrial and Institutional Products Included in GS-37</p> <ul style="list-style-type: none"> • <i>Carpet cleaner</i> products • Carpet spot cleaning products • Dry erase board cleaning products • Floor cleaning products • <i>General-purpose cleaner</i> and multi-purpose cleaning products • General-purpose surface degreasers • <i>Glass cleaner</i> and mirror cleaning products • Products that containing <i>microorganisms</i> (e.g. general purpose, glass, restroom, carpet) • Products that containing <i>enzymes</i> and are sold and/or designed for use in non-spray packaging (e.g. general purpose, glass, restroom, carpet) • Products that contain <i>microorganisms</i> and are packaged in <i>spray packaging</i> • Products containing <i>enzymes</i> that are packaged in trigger bottles or squeeze bottles • <i>Restroom cleaner</i> products • Toilet or urinal cleaning products

Final Text

<p>APPENDIX 1 – Scope (Informative)</p> <p>Industrial and Institutional Products Included in GS-37</p> <ul style="list-style-type: none"> • <i>Carpet cleaner</i> products • Carpet spot cleaning products • Dry erase board cleaning products • Floor cleaning products • <i>General-purpose cleaner</i> and multi-purpose cleaning products • General-purpose surface degreasers • <i>Glass cleaner</i> and mirror cleaning products • Products that contain <i>microorganisms</i> • Products that contain <i>enzymes</i> and are sold and/or designed for use in non-spray packaging • <i>Restroom cleaner</i> products • Toilet or urinal cleaning products
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Standard for Laundry Care Products, Household Use, GS-48

1. Reference Detergent, Product Performance, Correction

The previous liquid reference detergent developed by American Association of Textile Chemists and Colorists has been discontinued and updated with a new detergent name and recommended dose for use. The text referencing this detergent has been updated to reflect the current name and recommended dose.

Updates to the Footnote Text

⁶ Powder – 1993 AATCC Standard Reference Detergent WOB, at 66 g/test for a 4 lb load
 Liquid – ~~2003 AATCC Standard Reference Liquid Detergent WOB~~, **AATCC Standard Reference High Efficiency Detergent WOB at 50 mL** ~~100 g~~/test for a 4 lb load, without optical brighteners

Final Text

⁶ Powder – 1993 AATCC Standard Reference Detergent WOB, at 66 g/test for a 4 lb load
 Liquid – AATCC Standard Reference High Efficiency Detergent WOB at 50 mL test for a 4 lb load, without optical brighteners

2. Ingredient Disclosure, Microorganism Annex, Correction

In November 2021, Green Seal updated the product label requirements for microbial-based cleaning products. During this revision, Green Seal incorrectly restricted where on the product label manufacturers must disclose the intentional presence of microbial ingredients; disclosure was required within the product label's ingredient line.

Based on Green Seal's last decade of certifying products in this category and additional stakeholder outreach conducted in 2020 and 2021, Green Seal recognizes the need for flexible marketing approaches in this unique product category. Therefore, to provide necessary and appropriate flexibility, Green Seal has now adjusted the ingredient disclosure requirement. The update to this criterion provides greater flexibility for on-label product marketing while maintaining Green Seal's original objective for this criterion: to verify that buyers can easily access information (via the product label) to note the intentional presence of bioactive ingredients (in the case of these products, non-pathogenic microorganisms).

Updates to the Criterion Text

G. Product Label and User Information. ~~The ingredient line on the product label shall include disclose that the product contains *microorganisms*. the microbial ingredient(s).~~ **An alternative phrase for *microorganisms* may be approved by the certification program, e.g., “bacterial cultures.”** ~~Acceptable terms include “microorganisms,” “bacterial cultures,” or equivalent language approved by the certification program.~~ The product label shall include a statement that the product will not function effectively when used in conjunction with disinfectants, such as chlorine bleach. For products that are sold in *spray packaging*,²³ the product label shall include a statement that the product should not be sprayed into the air.

Final Text

G. Product Label and User Information. The product label shall disclose that the product contains *microorganisms*. An alternative phrase for *microorganisms* may be approved by the certification program, e.g., “bacterial cultures.” The product label shall include a statement that the product will not function effectively when used in conjunction with disinfectants, such as chlorine bleach. For products that are sold in *spray packaging*,²³ the product label shall include a statement that the product should not be sprayed into the air.

3. Microbial-Based Cleaning Products, Appendix, Clarification

In November 2021, Green Seal made microbial-based cleaning products sold and/or designed for use in spray packaging eligible for certification. At the time, additional text was added to Appendix 1 – Scope to reflect this change. However, the new overall text was determined to be redundant. To clarify, the text of Appendix 1 – Scope has been updated to reduce redundancy, increase clarity, and align with the text in other standards.

Updates to Appendix Text

APPENDIX 1 – Scope (Informative)

Products Included

- *Anti-static products*
- *Anti-wrinkle products*
- *Antimicrobial pesticide products for laundry care*
- *Biobased detergents* (e.g. soap nuts)
- *Bleaching products*
- *Fabric protectant products*
- *Fabric refreshers*
- *Fabric softener-single use dryer product*
- *Laundry additives* (e.g., *bleaching and softening products*)
- *Laundry detergent products* (and combination products)
- *Laundry detergent products* sold in Laundromat dispensers
- *Laundry prewash products*
- *Laundry starch/sizing/fabric finish products*
- Products that contain ~~*enzymes or microorganisms*~~ that are packaged in trigger bottles or squeeze bottles
- Products that contain ~~*enzymes microorganisms*~~ and are sold ~~*and/in*~~, or designed for use in, ~~*non-spray packaging*~~
- *Softening products*
- *Spot removing products* (for *laundry*)
- *Stain removing products*

Final Text

APPENDIX 1 – Scope (Informative)

Products Included

- *Anti-static products*
- *Anti-wrinkle products*
- *Antimicrobial pesticide products for laundry care*
- *Biobased detergents (e.g. soap nuts)*
- *Bleaching products*
- *Fabric protectant products*
- *Fabric refreshers*
- *Fabric softener-single use dryer product*
- *Laundry additives (e.g., bleaching and softening products)*
- *Laundry detergent products (and combination products)*
- *Laundry detergent products sold in Laundromat dispensers*
- *Laundry prewash products*
- *Laundry starch/sizing/fabric finish products*
- *Products that contain microorganisms*
- *Products that contain enzymes and are sold and/or designed for use in non-spray packaging*
- *Softening products*
- *Spot removing products (for laundry)*
- *Stain removing products*

Standard for Laundry Care Products, Industrial and Institutional Use, GS-51

1. Ingredient Disclosure, Microorganism Annex, Correction

In November 2021, Green Seal updated the product label requirements for microbial-based cleaning products. During this revision, Green Seal incorrectly restricted where on the product label manufacturers must disclose the intentional presence of microbial ingredients; disclosure was required within the product label’s ingredient line.

Based on Green Seal’s last decade of certifying products in this category and additional stakeholder outreach conducted in 2020 and 2021, Green Seal recognizes the need for flexible marketing approaches for this unique product category. Therefore, to provide necessary and appropriate flexibility, Green Seal has now adjusted the ingredient disclosure requirement. The update to this criterion provides greater flexibility for on-label product marketing while maintaining Green Seal’s original objective for this criterion: to verify that buyers can easily access information (via the product label) to note the intentional presence of bioactive ingredients (in the case of these products, non-pathogenic microorganisms).

Updates to the Criterion Text

G. Product Label and User Information. ~~The ingredient line on the product label shall include disclose that the product contains *microorganisms*. the microbial ingredient(s). An alternative phrase for *microorganisms* may be approved by the certification program, e.g., “bacterial cultures.”~~ Acceptable terms include “microorganisms,” “bacterial cultures,” or equivalent language approved by the certification program. The product label shall include a statement that the product will not function effectively when used in conjunction with disinfectants, such as chlorine bleach. For products that are sold in *spray packaging*,²⁵ the product label shall include a statement that the product should not be sprayed into the air.

Final Text

G. Product Label and User Information. The product label shall disclose that the product contains *microorganisms*. An alternative phrase for *microorganisms* may be approved by the certification program, e.g., “bacterial cultures.” The product label shall include a statement that the product will not function effectively when used in conjunction with disinfectants, such as chlorine bleach. For products that are sold in *spray packaging*,²⁵ the product label shall include a statement that the product should not be sprayed into the air.

2. Microbial-Based Cleaning Products, Appendix, Clarification

In November 2021, Green Seal made microbial-based cleaning products sold and/or designed for use in spray packaging eligible for certification. At the time, additional text was added to Appendix 1 – Scope to reflect this change. However, the new overall text was determined to be redundant. To clarify, the text of Appendix 1 – Scope has been updated to reduce redundancy, increase clarity, and align with the text in other standards.

Updates to Appendix Text

APPENDIX 1 – Scope (Informative)

Products Included

- *Anti-static products*

- Anti-wrinkle products
- *Antimicrobial pesticide products for laundry care*
- *Bleaching products*
- Commercial and *institutional use laundry* products (e.g., those used in dry cleaning facilities or commercial laundries)
- Home-style detergents used in a home style machine in the industrial and institutional market ((e.g., those used in a nursing home or with automated product dispensers)
- *Fabric protectant* products
- *Fabric refreshers*
- *Fabric softener-single use dryer product*
- *Laundry* additives (e.g., *bleaching products, softeners, sour products*, antichlors, water conditioners, alkali boosters)
- *Laundry detergent products* (complete detergent and multi-component systems)
- *Laundry prewash* products
- *Laundry starch/sizing/fabric finish products*
- Products that contain ~~enzymes or microorganisms~~ and are packaged in trigger bottles or squeeze bottles
- Products that contain ~~enzymes microorganisms~~ and are sold ~~and/in~~, or designed for use in, ~~non-spray packaging~~
- Soap nuts/*biobased* detergents
- *Softening products*
- Spot removing products (for *laundry*)
- *Stain removing products*

Final Text

APPENDIX 1 – Scope (Informative)

Products Included

- *Anti-static products*
- Anti-wrinkle products
- *Antimicrobial pesticide products for laundry care*
- *Bleaching products*
- Commercial and *institutional use laundry* products (e.g., those used in dry cleaning facilities or commercial laundries)
- Home-style detergents used in a home style machine in the industrial and institutional market ((e.g., those used in a nursing home or with automated product dispensers)
- *Fabric protectant* products
- *Fabric refreshers*
- *Fabric softener-single use dryer product*
- *Laundry* additives (e.g., *bleaching products, softeners, sour products*, antichlors, water conditioners, alkali boosters)
- *Laundry detergent products* (complete detergent and multi-component systems)
- *Laundry prewash* products
- *Laundry starch/sizing/fabric finish products*
- Products that contain *microorganisms*
- Products that contain *enzymes* and are sold and/or designed for use in *non-spray packaging*
- Soap nuts/*biobased* detergents
- *Softening products*
- Spot removing products (for *laundry*)
- *Stain removing products*

Standard for Specialty Cleaning Products, Household Use, GS-52

1. Ingredient Disclosure, Microorganism Annex, Correction

In November 2021, Green Seal updated the product label requirements for microbial-based cleaning products. During this revision, Green Seal incorrectly restricted where on the product label manufacturers must disclose the intentional presence of microbial ingredients; disclosure was required within the product label's ingredient line.

Based on Green Seal's last decade of certifying products in this category and additional stakeholder outreach conducted in 2020 and 2021, Green Seal recognizes the need for flexible marketing approaches for this unique product category. Therefore, to provide necessary and appropriate flexibility, Green Seal has now adjusted the ingredient disclosure requirement. The update to this criterion provides greater flexibility for on-label product marketing while maintaining Green Seal's original objective for this criterion: to verify that buyers can easily access information (via the product label) to note the intentional presence of bioactive ingredients (in the case of these products, non-pathogenic microorganisms).

Updates to the Criterion Text

G. Product Label and User Information. ~~The ingredient line on the product label shall include disclose that the product contains *microorganisms*. the microbial ingredient(s). An alternative phrase for *microorganisms* may be approved by the certification program, e.g., "bacterial cultures." Acceptable terms include "microorganisms," "bacterial cultures," or equivalent language approved by the certification program.~~ The product label shall include a statement that the product will not function effectively when used in conjunction with disinfectants, such as chlorine bleach. For products that are sold in *spray packaging*,²² the product label shall include a statement that the product should not be sprayed into the air.

Final Text

G. Product Label and User Information. The product label shall disclose that the product contains *microorganisms*. An alternative phrase for *microorganisms* may be approved by the certification program, e.g., "bacterial cultures." The product label shall include a statement that the product will not function effectively when used in conjunction with disinfectants, such as chlorine bleach. For products that are sold in *spray packaging*,²² the product label shall include a statement that the product should not be sprayed into the air.

2. Holding and RV Tank Treatment Products, Scope Expansion, Clarification

In the Foreword section of Green Seal standards, it is stated that product types not explicitly noted as eligible for certification may be eligible for certification if they are "substantially similar" to products explicitly mentioned in the standard Scope.

"Products, services, or organizations that are substantially similar to those covered by this standard in terms of function and life cycle considerations may be evaluated against the intent of the requirements of this standard, accounting for relevant differences between the intended scope of the Standard and the actual product, service, or organization to be evaluated."

After a market review, Green Seal has determined that the function and life cycle considerations of both holding tank and recreational vehicle tank treatment products are substantially similar to products already covered in the scope of the GS-52 Standard. Holding tank and recreational vehicle tank treatment

products function to accelerate the breakdown or degradation of organic wastes and/or reduce and eliminate odors. The Scope and Appendix 1 of the GS-52 Standard have been updated to include these product categories.

3. Microbial-Based Cleaning Products, Appendix, Clarification

In November 2021, Green Seal made microbial-based cleaning products sold and/or designed for use in spray packaging eligible for certification. At the time, additional text was added to Appendix 1 – Scope to reflect this change. However, the new overall text was determined to be redundant. To clarify, the text of Appendix 1 – Scope has been updated to reduce redundancy, increase clarity, and align with the text in other standards.

Updates to the Criterion Text

1.0 SCOPE

This standard establishes environmental, health, and social requirements for *specialty cleaning products* intended for *household use*. For the purposes of this standard, this includes, but is not limited to: boat cleaning products; *boat wax, polish, sealant, or glaze products*; *deck, siding, and outdoor furniture cleaning products*; *dish cleaning products (automatic and hand)*; *furniture polish products*; *graffiti remover products*; **holding tank treatment products**; *metal cleaning products*; *motor vehicle cleaning products*; *motor vehicle wax, polish, sealant, or glaze products*; *motor vehicle dressing products*; *waterless motor vehicle cleaning products*; *tire and wheel cleaning products*; *motor vehicle windshield washing fluid*; *odor remover products*; *optical lens cleaning products*; *oven cleaning products*; *drain additive/cleaning products*; **recreational vehicle tank treatment products**; *septic tank treatment products*; *chewing gum remover*; *upholstery cleaning products*; *antimicrobial pesticide products* (e.g., products covered by the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA)), and other household cleaning products sold for specialty uses. This standard includes specialty cleaning products that contain *enzymes* or *microorganisms*. This standard does not apply to products that contain *enzymes* or *microorganisms* that are sold in *spray packaging*. This standard does not apply to products intended for industrial and institutional use, printing press cleaning products, laundry care products, *air fresheners*, or products that serve as sporicides, sterilizers, or used to sterilize *critical and semicritical medical devices* and equipment. See Appendix 1 for an example list of products included in this standard.

APPENDIX 1 – Scope (Informative)

Household Products Included in GS-52

- Adhesive remover products
- *Boat cleaning products* (e.g., hull or bilge)
- *Boat wax, polish, sealant, or glaze products*
- *Chewing gum remover product*
- *Deck, siding, and outdoor furniture cleaning products*
- *Dish cleaning products* (e.g., *hand dish, automatic dish, rinse agent* products)
- *Antimicrobial pesticide products* (e.g., *disinfectant and sanitizer* products)
- *Drain additive/cleaning products*

- Dusting aid products
- Electronic cleaning products
- Fruit and vegetable wash products
- *Furniture polish products*
- *Graffiti remover products*
- Grout cleaning products
- **Holding tank treatment products**
- Leather cleaning products
- *Metal cleaning products*
- Mold and mildew stain remover products
- *Motor vehicle cleaning products*
- *Motor vehicle dressing products*
- *Motor vehicle windshield washing fluid products*
- *Motor vehicle wax, polish, sealant, or glaze products*
- *Odor remover products*
- *Optical lens cleaning products*
- *Oven cleaning product*
- Pressurized gas dusting products
- Products that contain ~~enzymes or microorganisms and are packaged in trigger bottles or squeeze bottles~~
- Products that contain ~~enzymes microorganisms~~ and are sold ~~and/ in,~~ or designed for use in, ~~non-~~ **spray packaging**
- **Recreational vehicle tank treatment products**
- Rust stain remover products
- Septic tank treatment products
- Stone cleaning products
- *Tire and wheel cleaning products*
- *Upholstery cleaning products*
- *Waterless motor vehicle cleaning products*

Final Text

1.0 SCOPE

This standard establishes environmental, health, and social requirements for *specialty cleaning products* intended for *household use*. For the purposes of this standard, this includes, but is not limited to: boat cleaning products; *boat wax, polish, sealant, or glaze products*; *deck, siding, and outdoor furniture cleaning products*; *dish cleaning products (automatic and hand)*; *furniture polish products*; *graffiti remover products*; holding tank treatment products; *metal cleaning products*; *motor vehicle cleaning products*; *motor vehicle wax, polish, sealant, or glaze products*; *motor vehicle dressing products*; *waterless motor vehicle cleaning products*; *tire and wheel cleaning products*; *motor vehicle windshield washing fluid*; *odor remover products*; *optical lens cleaning products*; *oven cleaning products*; *drain additive/cleaning products*; recreational vehicle tank treatment products; septic tank treatment products; *chewing gum remover*; *upholstery cleaning products*; *antimicrobial pesticide products* (e.g., products covered by the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA)), and other household cleaning products sold for specialty uses. This standard includes specialty cleaning products that contain *enzymes* or *microorganisms*. This standard does not apply to products that contain *enzymes* or *microorganisms* that are sold in *spray packaging*. This standard does not apply to products intended for industrial and institutional use, printing press cleaning products, laundry care

products, *air fresheners*, or products that serve as sporicides, sterilizers, or used to sterilize *critical* and *semicritical medical devices* and equipment. See Appendix 1 for an example list of products included in this standard.

APPENDIX 1 – Scope (Informative)

Household Products Included in GS-52

- Adhesive remover products
- *Boat cleaning products* (e.g., hull or bilge)
- *Boat wax, polish, sealant, or glaze products*
- *Chewing gum remover product*
- *Deck, siding, and outdoor furniture cleaning products*
- *Dish cleaning products* (e.g., *hand dish, automatic dish, rinse agent* products)
- *Antimicrobial pesticide products* (e.g., disinfectant and sanitizer products)
- *Drain additive/cleaning products*
- Dusting aid products
- Electronic cleaning products
- Fruit and vegetable wash products
- *Furniture polish products*
- *Graffiti remover products*
- Grout cleaning products
- Holding tank treatment products
- Leather cleaning products
- *Metal cleaning products*
- Mold and mildew stain remover products
- *Motor vehicle cleaning products*
- *Motor vehicle dressing products*
- *Motor vehicle windshield washing fluid products*
- *Motor vehicle wax, polish, sealant, or glaze products*
- *Odor remover products*
- *Optical lens cleaning products*
- *Oven cleaning product*
- Pressurized gas dusting products
- Products that contain *microorganisms*
- Products that contain *enzymes* and are sold and/or designed for use in *non-spray packaging*
- Recreational vehicle tank treatment products
- Rust stain remover products
- Septic tank treatment products
- Stone cleaning products
- *Tire and wheel cleaning products*
- *Upholstery cleaning products*
- *Waterless motor vehicle cleaning products*

Standard for Specialty Cleaning Products, Industrial & Institutional Use, GS-53

1. Ingredient Disclosure, Microorganism Annex, Correction

In November 2021, Green Seal updated the product label requirements for microbial-based cleaning products. During this revision, Green Seal incorrectly restricted where on the product label manufacturers must disclose the intentional presence of microbial ingredients; disclosure was required within the product label's ingredient line.

Based on Green Seal's last decade of certifying products in this category and additional stakeholder outreach conducted in 2020 and 2021, Green Seal recognizes the need for flexible marketing approaches for this unique product category. Therefore, to provide necessary and appropriate flexibility, Green Seal has now adjusted the ingredient disclosure requirement. The update to this criterion provides greater flexibility for on-label product marketing while maintaining Green Seal's original objective for this criterion: to verify that buyers can easily access information (via the product label) to note the intentional presence of bioactive ingredients (in the case of these products, non-pathogenic microorganisms).

Updates to the Criterion Text

G. Product Label and User Information. ~~The ingredient line on the product label shall include disclose that the product contains *microorganisms*. the microbial ingredient(s).~~ **An alternative phrase for *microorganisms* may be approved by the certification program, e.g., "bacterial cultures."** ~~Acceptable terms include "microorganisms," "bacterial cultures," or equivalent language approved by the certification program.~~ The product label shall include a statement that the product will not function effectively when used in conjunction with disinfectants, such as chlorine bleach. For products that are sold in *spray packaging*,²¹ the product label shall include a statement that the product should not be sprayed into the air.

Final Text

G. Product Label and User Information. The product label shall disclose that the product contains *microorganisms*. An alternative phrase for *microorganisms* may be approved by the certification program, e.g., "bacterial cultures." The product label shall include a statement that the product will not function effectively when used in conjunction with disinfectants, such as chlorine bleach. For products that are sold in *spray packaging*,²¹ the product label shall include a statement that the product should not be sprayed into the air.

2. Holding and RV Tank Treatment Products, Scope Expansion, Clarification

In the Foreword section of Green Seal standards, there is a statement that product types not explicitly noted as eligible for certification in the standard may be eligible for certification if they are "substantially similar" to products explicitly mentioned in the standard Scope.

"Products, services, or organizations that are substantially similar to those covered by this standard in terms of function and life cycle considerations may be evaluated against the intent of the requirements of this standard, accounting for relevant differences between the intended scope of the Standard and the actual product, service, or organization to be evaluated."

After a market review, Green Seal has determined that the function and life cycle considerations of both holding tank, and recreational vehicle tank treatment products are substantially similar to products already covered in the scope of the GS-53 standard: holding tank and recreational vehicle tank treatment products

function to accelerate the breakdown or degradation of organic wastes and/or reduce and eliminate odors. The Scope and Appendix 1 of the standard have been updated to include these product categories.

3. Microbial-Based Cleaning Products, Appendix, Clarification

In November 2021, Green Seal made microbial-based cleaning products sold and/or designed for use in spray packaging eligible for certification. At the time, additional text was added to Appendix 1 – Scope to reflect this change. However, the new overall text was determined to be redundant. To clarify, the text of Appendix 1 – Scope has been updated to reduce redundancy, increase clarity, and align with the text in other standards.

Updates to the Text

1.0 SCOPE

This standard establishes environmental, health, and social requirements for *specialty cleaning products* intended for *industrial and institutional use*. For the purposes of this standard, this includes, but is not limited to: *boat cleaning products; boat wax, polish, sealant or glaze products; deck, siding, and outdoor furniture cleaning products; dish cleaning products (automatic and hand); furniture polish products; graffiti remover products; holding tank treatment products; metal cleaning products; motor vehicle cleaning products; motor vehicle wax, polish, sealant, or glaze products; motor vehicle dressing products; waterless motor vehicle cleaning products; tire and wheel cleaning products; motor vehicle windshield washing fluid; odor remover products; optical lens cleaning products; oven cleaning products; drain additive/cleaning products; recreational vehicle tank treatment products; septic tank treatment products; upholstery cleaning products; printing press cleaning products; chewing gum remover products; adhesive remover products; rust stain remover products; dishwasher cleaning products; electronic cleaning products; leather cleaning products; pressurized gas duster products; dusting aid products; antimicrobial pesticide products (e.g., products covered by the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA)) and other industrial and institutional use products sold for specialty uses. This standard includes specialty cleaning products that contain *enzymes* or *microorganisms*. This standard does not apply to products that contain *enzymes* or *microorganisms* that are sold in *spray packaging*. This standard does not apply to products intended for household use, laundry care products, *air fresheners*, or products that serve as sporicides, sterilizers, or used to sterilize *critical and semicritical medical devices* and equipment. See Appendix 1 for an example list of products included in this standard.*

APPENDIX 1 – Scope (Informative)

Industrial and Institutional Products Included in GS-53

- *Adhesive remover products*
- *Boat cleaning products (e.g., hull or bilge)*
- *Boat wax, polish, sealant, or glaze products*
- *Chewing gum remover product*
- *Deck, siding and outdoor furniture cleaning products*
- *Dish cleaning products (e.g., hand dish, automatic dish, rinse agent products)*
- *Antimicrobial pesticide products (e.g., disinfectant and sanitizer products)*
- *Drain additive/cleaning products*

- *Dusting aid products*
- *Electronic cleaning products*
- *Fruit and vegetable wash products*
- *Furniture polish products*
- *Graffiti remover products*
- *Grout cleaning products*
- **Holding tank treatment products**
- *Leather cleaning product*
- *Metal cleaning products*
- *Mold and mildew stain remover products*
- *Motor vehicle cleaning products*
- *Motor vehicle dressing products*
- *Motor vehicle windshield washing fluid products*
- *Motor vehicle wax, polish, sealant or glaze products*
- *Odor remover products*
- *Optical lens cleaning products*
- *Oven cleaning products*
- *Pressurized gas dusting products*
- *Printing press cleaning products*
- ~~Products that contain *enzymes* or *microorganisms* and are packaged in trigger bottles or squeeze bottles~~
- ~~Products that contain *enzymes* *microorganisms* and are sold **and/ in**, or designed for use in, **non-spray packaging**~~
- **Recreational vehicle tank treatment products**
- *Rust stain remover products*
- *Septic tank treatment products*
- ~~• *Specialty products containing *microorganisms* (e.g., boat, mold and mildew, oven, etc.)*~~
- ~~• *Specialty products containing *enzymes* (e.g., boat, mold and mildew, oven, etc.)*~~
- *Stone cleaning products*
- *Tire and wheel cleaning products*
- *Upholstery cleaning product*
- *Waterless motor vehicle cleaning products*

Final Text

1.0 SCOPE

This standard establishes environmental, health, and social requirements for *specialty cleaning products* intended for *industrial and institutional use*. For the purposes of this standard, this includes, but is not limited to: *boat cleaning products; boat wax, polish, sealant or glaze products; deck, siding, and outdoor furniture cleaning products; dish cleaning products (automatic and hand); furniture polish products; graffiti remover products; holding tank treatment products; metal cleaning products; motor vehicle cleaning products; motor vehicle wax, polish, sealant, or glaze products; motor vehicle dressing products; waterless motor vehicle cleaning products; tire and wheel cleaning products; motor vehicle windshield washing fluid; odor remover products; optical lens cleaning products; oven cleaning products; drain additive/cleaning products; recreational vehicle tank treatment products; septic tank treatment products; upholstery cleaning products; printing press cleaning products; chewing gum remover products; adhesive remover products; rust stain remover products; dishwasher cleaning products; electronic cleaning products; leather cleaning products; pressurized gas duster*

products; dusting aid products; antimicrobial pesticide products (e.g., products covered by the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA)) and other *industrial and institutional use* products sold for specialty uses. This standard includes specialty cleaning products that contain *enzymes* or *microorganisms*. This standard does not apply to products that contain *enzymes* or *microorganisms* that are sold in *spray packaging*. This standard does not apply to products intended for household use, laundry care products, *air fresheners*, or products that serve as sporicides, sterilizers, or used to sterilize *critical* and *semicritical medical devices* and equipment. See Appendix 1 for an example list of products included in this standard.

APPENDIX 1 – Scope (Informative)

Industrial and Institutional Products Included in GS-53

- *Adhesive remover products*
- *Boat cleaning products* (e.g., hull or bilge)
- *Boat wax, polish, sealant, or glaze products*
- *Chewing gum remover product*
- *Deck, siding and outdoor furniture cleaning products*
- *Dish cleaning products* (e.g., *hand dish, automatic dish, rinse agent* products)
- *Antimicrobial pesticide products* (e.g., *disinfectant and sanitizer* products)
- *Drain additive/cleaning products*
- *Dusting aid products*
- *Electronic cleaning products*
- *Fruit and vegetable wash products*
- *Furniture polish products*
- *Graffiti remover products*
- *Grout cleaning products*
- *Holding tank treatment products*
- *Leather cleaning product*
- *Metal cleaning products*
- *Mold and mildew stain remover products*
- *Motor vehicle cleaning products*
- *Motor vehicle dressing products*
- *Motor vehicle windshield washing fluid products*
- *Motor vehicle wax, polish, sealant or glaze products*
- *Odor remover products*
- *Optical lens cleaning products*
- *Oven cleaning products*
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- *Products that contain enzymes* and are sold and/or designed for use in *non-spray packaging*
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- *Septic tank treatment products*
- *Stone cleaning products*
- *Tire and wheel cleaning products*
- *Upholstery cleaning product*
- *Waterless motor vehicle cleaning products*