



Corrections and Clarifications Report

April 2026

The following Green Seal standards underwent non-substantive changes on April 3, 2026.

- All Standards – Editorial Updates

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 60-day public comment period.

Publication Schedule of CCRs

Corrections and Clarifications Reports are released on a quarterly basis (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 ~~strikethrough lines~~ show that text has deleted from a standard.

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

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Multiple Standard Update

Non-Substantive Updates to Multiple Standards

Green Seal has identified several non-substantive updates across our Standard Library. These updates vary across the affected standards, from grammatical updates to formatting changes. Companies with certified products and services are not required to make changes or submit new or updated documentation in order remain in compliance with any changes in this document.

A list of the updated standards can be found below:

- GS-1, Edition 7.0, Sanitary Paper Products
- GS-8, Edition 5.7, Cleaning Products for Household Use
- GS-11, Edition 4.1, Paints, Coatings, Stains, and Sealers
- GS-34, Edition 2.3, Cleaning and Degreasing Agents
- GS-36, Edition 2.2, Adhesives for Commercial Use
- GS-37, Edition 7.8, Cleaning Products for Industrial and Institutional Use
- GS-40, Edition 2.6, Floor Care Products for Industrial and Institutional Use
- GS-41, Edition 2.4, Hand Cleaners for Industrial and Institutional Use
- GS-44, Edition 4.3, Soaps, Cleansers, and Shower Products
- GS-48, Edition 1.7, Laundry Care Products for Household Use
- GS-50, Edition 1.3, Personal Care and Cosmetic Products
- GS-51, Edition 1.8, Laundry Care Products for Industrial and Institutional Use
- GS-52, Edition 2.7, Specialty Cleaning Products for Household Use
- GS-53, Edition 2.8, Specialty Cleaning Products for Industrial and Institutional Use
- GS-60, Edition 1.1, Plastic Trash Bags and Can Liners

Overview of Changes Across Green Seal Standards

The following types of non-substantive changes were enacted into Green Seal Standards for improved clarity and readability:

- Correction of formatting errors
- Updates to acronym lists to include new and/or updated references
- Corrections to referenced acronyms and abbreviations within the text
- Correction of incorrectly placed text and incorrectly referenced section numbers
- Removal of "Reserved" placeholder criteria
- Updating and clarifying several definitions
- Correction of out-of-date text in the Appendix

The complete red-lined text of each standard is available upon request. Please reach out to standards@greenseal.org for more information.

Foreword

All Standards - Format Updates

The Foreword for Green Seal standards have a link to the online Standards Library. This link has been updated to reflect the accurate website page. An example of the completed update is listed below:

Example Updates to Text

¹ Library of Standards Documents. www.green seal.org/green-seal-standards/library#section23

Final Text

¹ Library of Standards Documents. www.green seal.org/green-seal-standards/library

List of Acronyms and Abbreviations

All Standards - Clarifications and Additions

The List of Acronyms and Abbreviations section is a reference list of acronyms and abbreviations referenced in each standard. In many standards, this list did not include a full accounting of every reference and included out of date or terminated references. The list was updated to include new references, remove old ones, and update any entries that use new language or terminology. An example of a completed update is listed below:

Example Update to Text

APR. Association of Plastic Recyclers
ASTM. ASTM International, ~~(formerly American Society of Testing and Materials)~~ **a standard setting organization formerly known as the American Society for Testing and Materials**
BTU. British Thermal Unit
CAS. Chemical Abstracts Service
CFR. Code of Federal Regulations
~~**CFC.** Chlorofluorocarbon~~
EPA. ~~United States~~ Environmental Protection Agency
GHS. Globally Harmonized Systems for Classification and Labelling of Chemicals
IARC. International Agency for Research on Cancer
IRIS. Integrated Risk Information System
ISO. International Organization for Standardization
MT. Metric Ton
NTP. National Toxicology Program
OSHA. Occupational Safety Health Administration
PCR. Post-Consumer Recycled Content
PFAS. Per- and Polyfluoroalkyl Substances
ppm. Parts per million
T. Ton
TRI PBT. ~~EPA Toxic Release Inventory Persistent, Bioaccumulative, and Toxic Chemicals~~ **Toxic Release Inventory Persistent, Bioaccumulative, and Toxic**

Final Text

APR. Association of Plastic Recyclers
ASTM. ASTM International, a standard setting organization formerly known as the American Society for Testing and Materials
BTU. British Thermal Unit
CAS. Chemical Abstracts Service
CFR. Code of Federal Regulations
EPA. United States Environmental Protection Agency
GHS. Globally Harmonized Systems for Classification and Labelling of Chemicals
IARC. International Agency for Research on Cancer
IRIS. Integrated Risk Information System
ISO. International Organization for Standardization
MT. Metric Ton
NTP. National Toxicology Program

OSHA. Occupational Safety Health Administration

PCR. Post-Consumer Recycled Content

PFAS. Per- and Polyfluoroalkyl Substances

ppm. Parts per million

T. Ton

TRI PBT. EPA Toxic Release Inventory Persistent, Bioaccumulative, and Toxic Chemicals

Standard Language

Multiple Standards - Clarifications to Acronyms and Abbreviations

Acronyms listed in Green Seal standards follow style guidelines which indicate that for the first reference of the term, it must be spelled out in full, followed by the acronym in parentheses. For example: Chemical Abstracts Service (CAS). For all subsequent uses of the term, just the acronym can be used. This has been updated in all instances in the text where this formatting was not followed. An example of a completed update is listed below:

Example Update to Text

2.2.5 *Volatile Organic Compound (VOC) Content. VOCs include all organic components present at 0.01% or more that have a vapor pressure of greater than 0.1 mm mercury at 1 atm pressure and 20° C. "VOC content" means the total weight of VOCs in a product expressed as a percentage of the product weight. The VOC content of the product as used shall contain no more than the current regulatory limits of the **California Air Resources Board (CARB)** for its product category.

The VOC content shall be determined in one of the following ways:

- By summing the percent by weight contribution from all volatile organic components present in the product at 0.01% or more.
- According to the ~~California Air Resources Board~~ **CARB** Method 310 (or equivalent), modified to include all fragrances and all VOCs present in the product at 0.01% or more.

Final Text

2.2.5 *Volatile Organic Compound (VOC) Content. VOCs include all organic components present at 0.01% or more that have a vapor pressure of greater than 0.1 mm mercury at 1 atm pressure and 20° C. "VOC content" means the total weight of VOCs in a product expressed as a percentage of the product weight. The VOC content of the product as used shall contain no more than the current regulatory limits of the California Air Resources Board (CARB) for its product category.

The VOC content shall be determined in one of the following ways:

- By summing the percent by weight contribution from all volatile organic components present in the product at 0.01% or more.
- According to the CARB Method 310 (or equivalent), modified to include all fragrances and all VOCs present in the product at 0.01% or more.

Multiple Standards - Clarifications to Aquatic Biodegradability Test List

The criterion for Aquatic Biodegradability includes a list of test methods from which biodegradability can be measured. In most standards, these methods are listed out using bullet points to aid reading comprehension. For the standards where this formatting pattern was not used, it has been implemented. An example of the completed update is listed below:

Example Update to Text

Biodegradability shall be measured according to any of the following methods:
~~International Organization for Standardization (ISO) 7827, 9439, 10707, 10708, 9408, 14593; OECD Methods 301A–F; or OECD 310.~~

- International Organization for Standardization (ISO) 7827, 9439, 10707, 10708, 9408, 14593
- OECD Methods 301A–F
- OECD 310.

Final Text

Biodegradability shall be measured according to any of the following methods:

- International Organization for Standardization (ISO) 7827, 9439, 10707, 10708, 9408, 14593
- OECD Methods 301A–F
- OECD 310.

GS-8 - Correction to Eutrophication Section Name

The criterion name for Eutrophic Agents in GS-8 Standard for Cleaning Products for Household Use is incorrect. The correct term used in all other standards is Eutrophication. The header name has been updated.

Updates to Text

2.2.2 Eutrophication Agents. The product as used shall not contain more than 0.5% by weight of total phosphorus.

Final Text

2.2.2 Eutrophication. The product as used shall not contain more than 0.5% by weight of total phosphorus.

GS-11 and 44 - Clarification on Reserved Criteria

In GS 11 Standard for Paints, Coatings, Stains and Sealers, one criterion is labeled as “Reserved”; Section 2.1.2 – Nanoparticles. In GS-44 Standard for Soaps, Cleansers, and Shower Products, two criteria are labeled as “Reserved”; Section 2.1.14 - Colorants and Section 2.1.15 - Nanoscale Components. During the original development of GS-44 in 2007 and the revision of GS-11 in 2015, comments were made by several external stakeholders about the future safety of these three aspects of products. Green Seal decided to hold a space for these topics in the standards to indicate that requirements could be considered for future standard updates. Green Seal has since developed other mechanisms for tracking topics for consideration. These references have been removed.

GS-51 - Correction to Volatile Organic Compound Criterion

In GS-51 Standard for Laundry Care Products for Industrial and Institutional Use, the header for Section 2.2.4 – Volatile Organic Compound (VOC) Content was mistakenly included in the second paragraph for Section 2.2.3 – Toxicity to Aquatic Life. This has been corrected.

Updates to Text

2.2.3 *Toxicity to Aquatic Life. The product as used shall not be toxic to aquatic life. A product is considered not toxic to aquatic life if the lowest available and most representative acute LC50 data for fish, daphnia, or algae is greater than or equal to 100 mg/L. For purposes of demonstrating compliance with this requirement, data for each of the product’s components present at 0.01% or more in the product as used may be used to calculate a weighted average (as in section 2.2.1).

~~**2.2.4 *Volatile Organic Compound (VOC) Content.**~~ The preferred sources of data come from the following protocols: ISO 7346-2 for fish, OECD TG 203 for fish, OECD TG 202 for daphnia, and OECD TG 201 for algae.

2.2.4 *Volatile Organic Compound (VOC) Content. The VOC content of the product as used shall not exceed the current regulatory limits of the California Air Resources Board (CARB) for VOCs in its product category.

Final Text

2.2.3 *Toxicity to Aquatic Life. The product as used shall not be toxic to aquatic life. A product is considered not toxic to aquatic life if the lowest available and most representative acute LC50 data for fish, daphnia, or algae is greater than or equal to 100 mg/L. For purposes of demonstrating compliance with this requirement, data for each of the product’s components present at 0.01% or more in the product as used may be used to calculate a weighted average (as in section 2.2.1).

The preferred sources of data come from the following protocols: ISO 7346-2 for fish, OECD TG 203 for fish, OECD TG 202 for daphnia, and OECD TG 201 for algae.

2.2.4 *Volatile Organic Compound (VOC) Content. The VOC content of the product as used shall not exceed the current regulatory limits of the California Air Resources Board (CARB) for VOCs in its product category.

Definitions

Multiple Standards - Corrections and Updates to Definitions

As Green Seal has introduced new standards and expanded the scope of covered products, it has become necessary to define key terms for structure, continuity, and clarity. A recent review of the definitions used across all Green Seal standards identified inconsistencies within and across the defined terms. These inconsistencies included textual errors, such as mistyped or skipped words; minor language differences, or inconsistent listing methods. To align these definitions, a complete review of all defined terms was conducted, and over a dozen different definitions were aligned for the following terms: Child Labor, Child-Resistant Packaging, Natural Component, Optical Brightener, Ozone-Depleting Compound, Reproductive Toxin, Mutagen, Carcinogen, World Health Organization, Restroom Cleaner, Dish Cleaning Product, and Allergen. Three examples of completed updates are listed below:

Updates to Text

Child Labor. Work that deprives children of their childhood, their potential and their dignity, and that is harmful to physical and mental development. To avoid child labor the International Labour Organization (ILO) provides the following instruments: Minimum Age Convention (e.g., a minimum age not less than 15 for standard work and 18 for hazardous work) and the Worst Forms of Child Labour Convention.

Child-Resistant Packaging. ~~Child-resistant packaging, as~~ As defined by the Poison Prevention Packaging Act, CFR, Title 16, Part 1700 and Title 40, Part 157: is packaging that is designed or constructed to be significantly difficult for children under five years of age to open or obtain a toxic or harmful amount of the substance contained therein within a reasonable time, and not difficult for normal adults to use properly., This but does not mean packaging which all such children cannot open or obtain a toxic or harmful amount within a reasonable time. ~~Code of Federal Regulations, Title 16, Part 1700 and Title 40, Part 157.~~

Ozone-Depleting Compound. A compound with an ozone-depletion potential greater than 0.01 (Chlorofluorocarbon - (CFC) 11=1) according to the EPA list of Class I and Class II Ozone-Depleting Substances; or any substances or mixtures falling into hazard Category 1 (H420), hazardous to the ozone layer, under the GHS.

Final Text

Child Labor. Work that deprives children of their childhood, their potential and their dignity, and that is harmful to physical and mental development. To avoid child labor the International Labour Organization (ILO) provides the following instruments: Minimum Age Convention (e.g., a minimum age not less than 15 for standard work and 18 for hazardous work) and the Worst Forms of Child Labour Convention.

Child-Resistant Packaging. As defined by the Poison Prevention Packaging Act, CFR, Title 16, Part 1700 and Title 40, Part 157: is packaging that is designed or constructed to be significantly difficult for children under five years of age to open or obtain a toxic or harmful amount of the substance contained therein within a reasonable time, and not

difficult for normal adults to use properly. This does not mean packaging which all such children cannot open or obtain a toxic or harmful amount within a reasonable time.

Ozone-Depleting Compound. A compound with an ozone-depletion potential greater than 0.01 (Chlorofluorocarbon - (CFC) 11=1) according to the EPA list of Class I and Class II Ozone-Depleting Substances; or any substances or mixtures falling into Category 1 (H420), hazardous to the ozone layer, under the GHS.

Appendix 1 – Scope

Multiple Standards - Correction of Standard References

The first Appendix of every Green Seal standard is a list of products that are included or excluded from the standard scope. This was developed as a reference guide that would be continually updated as needed.

For excluded products that are included in other Green Seal standard scopes, a reference to that standard is listed. For example, oven cleaning products are not covered in GS-8 Standard for Cleaning Products for Household Use but are included in GS-52 Standard for Specialty Cleaning Products for Household Use. Therefore, in Appendix 1 for GS-8, oven cleaning products would be listed in the “Excluded” list, but would include a reference to GS-52 where they are covered:

Products Excluded from GS-8:

- Oven cleaning products for household use (covered in GS-52)

However, some of these references have not been updated to reflect standard development. In several standards, Appendix 1 includes references to standards that are either no longer part of the Green Seal standard Library (i.e., have been Withdrawn), or are still listed as “in development” when they have been issued and/or updated. In addition, there were several grammatical errors that needed to be corrected. All instances of these inconsistencies have been corrected. Three examples of completed updates are listed below:

Example Updates to Text

Products Excluded from GS-1:

- Paper products used in the preparation of food (~~included in GS-18~~)
- Coated groundwood paper and coated groundwood free printing paper (~~included in GS-10~~)

Products Excluded from GS-11:

- Recycled latex paint (~~covered in gs-43~~)
- Floor finish and finish strippers for industrial and institutional use (included in **GSgs-40**)
- Graffiti remover (included in **GSgs-52** and **GSgs-53**)

Products Excluded from GS-53:

- Laundry care products (included in ~~the standard in development, GS-48~~)

Final Text

Products Excluded from GS-1:

- Paper products used in the preparation of food
- Coated groundwood paper and coated groundwood free printing paper

Products Excluded from GS-11:

- Recycled latex paint

- Floor finish and finish strippers for industrial and institutional use (included in GS-40)
- Graffiti remover (included in GS-52 and GS-53)

Products Excluded from GS-53:

- Laundry care products (included in GS-48)

GS-60 - Correction of Gallon Size

In GS-60 Standard for Plastic Trash Bags and Can Liners, the gallon size for both included and excluded products is incorrectly listed as 10 gallons. The correct size is 7 gallons, and this has been updated in the Appendix.

Example Updates to Text**Eligible Product Types:**

- Wastepaper basket liners at ~~7~~ 10 gallons or above in capacity

Ineligible Product Type:

- Products with a gallon capacity below ~~7~~ 10 gallons

Final Text**Eligible Product Types:**

- Wastepaper basket liners at 7 gallons or above in capacity

Ineligible Product Type:

- Products with a gallon capacity below 7 gallons