

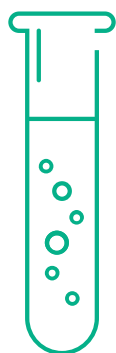
# GS-44 Personal Care Products



## A High Standard for Protecting People and Planet

Green Seal’s Leadership standard means soap, cleanser or shower products are verified as safer for human health and the environment than similar products while delivering uncompromising performance.

## Safer Chemicals



Acute Toxicity (Oral)	LD50 > 5,000 mg/kg
Acute Toxicity (Inhalation)	LC50 > 20 mg/L at 1 hour
Dermal Toxicity (Skin)	LD50 > 2,000mg/kg
Skin and Eye Irritation	pH of > 2.0 but less than 11.5; Cannot include GHS Skin Category 1 or 2; GHS
Skin Sensitization	Eye Category 1
Skin Absorption	Must not be a skin sensitizer per LLNA or USEPA Guidelines for skin sensitization
Asthmagens	Ingredients carrying skin notations sum to < 1% (ACGIH TLV and DFG MAK lists)
Chronic Inhalation Toxicity	Must be free of at any level when intentionally added
Ozone Depleting Compounds	NOAEL >1 mg/L
Volatile Organic Compounds	Must be free of above 100ppm
Carcinogens	VOC Content < 1.0%
Mutagens	Must be free of above 100ppm
Reproductive Toxins	Must be free of above 100ppm
Per- and Polyfluorinated Substances (PFAS)	Must be free of above 100ppm
2-butoxyethanol	Cannot be intentionally added at any level
Alkylphenol Ethoxylates	Must be free of at any level when intentionally added
Butylated hydroxytoluene	Must be free of at any level when intentionally added
Ethoxylated chemicals	Must be free of at any level when intentionally added
Ethylene diaminetetra-acetic acid or any of its salts	Must be free of at any level when intentionally added
Halogenated Organic Solvents	Must be free of at any level when intentionally added

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## Safer Chemicals (Continued)

Methyldibromo glutaronitrile	Must be free of at any level when intentionally added
Monoethanolamine, Diethanolamine, Triethanolamine	Must be free of at any level when intentionally added
Nitro-musks	Must be free of at any level when intentionally added
Parabens	Must be free of at any level when intentionally added
Polycyclic Musks	Must be free of at any level when intentionally added
Phthalates	Must be free of at any level when intentionally added
Hexavalent Chromium	Must be free of at any level when intentionally added
Lead	Must be free of at any level when intentionally added
Mercury	Must be free of at any level when intentionally added
Selenium	Must be free of at the component level
Preservatives	Not allowed outside intended use of preservation of product
Acute Toxicity to Aquatic Life	LC50 > 100mg/L for algae, daphnia, or fish
Aquatic Biodegradability	Each organic ingredient must readily biodegrade (OECD)
Bioaccumulating Compounds	Must be free of above 100ppm
Eutrophication	< 0.2% by weight of total phosphorus
Optical Brighteners	Must be free of above 100ppm
Fragrances	All added fragrances must be disclosed and follow the Code of Practice of the International Fragrance Association

## Sustainable Packaging



Primary Packaging	Must be either source-reduced or recyclable and contain at least 25% post-consumer material or the maximum available post-consumer material.
Resin Identification Code	Plastic packages must be marked with the appropriate Resin Identification Code
Concentrated Product Packaging	Concentrates cannot be sold in ready-to-use primary packaging
Packaging Chemicals	Phthalates, Bisphenol A, Chlorinated Materials, Hexavalent Chromium, Lead, Mercury, and Cadmium must not be intentionally added to primary packaging

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## Science Of Green - Environment



Product Performance	Soaps, cleansers, and shower products must be tested for cleaning ability, lathering/rinsing, and hair or skin condition after use to ensure they perform as well as or better than a nationally recognized or market-leading product. Hand sanitizers must demonstrate effective sanitization as measured by valid ASTM tests
Marketing Claims	Green Seal trademarks cannot be used in conjunction with any claims that might mislead consumers as to the extent or nature of certification
Antimicrobial Claims	Cannot make antibacterial, disinfecting, antiseptic, or sanitizing product claims. Exception for hand sanitizers
Natural and Biobased Claims	Natural and biobased product claims must meet additional criteria
Organic Claims	All organic claims must be supported with documentation that they meet the U.S. Department of Agriculture National Organic Program or the NSF International 305 standard
Labeling	Must have detailed instructions for proper use and disposal to minimize waste
Fragrance and Allergen Labeling	Must declare whether a fragrance has been added and if the product contains any allergen ingredients.
Ingredient Line	Product Label must disclose all ingredients on the label and website or technical data sheet