

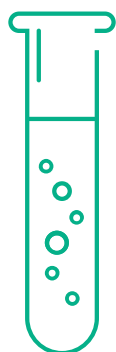
GS-37 Carpet Cleaners



A High Standard for Protecting People and Planet

Green Seal’s Leadership standard means carpet cleaning products for production and maintenance applications 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
Acute Toxicity to Aquatic Life	LC50 > 100mg/L for algae, daphnia, or fish
Aquatic Biodegradability	Each organic ingredient must readily biodegrade
Bioaccumulating Compounds	Prohibited above 100ppm
Eutrophication	Sum of total phosphorus restricted to < 0.5%
Optical Brighteners	Prohibited above 100ppm
Skin and Eye Damage	pH of > 2.0 but less than 11.5; Must not be corrosive to skin or eyes
Skin Sensitization	Must not be a skin sensitizer
Skin Absorption	Sum of ingredients with skin notations restricted to <1%
Asthmagens	Prohibited above 100ppm
Chronic Inhalation Toxicity	Must not cause harmful health effects following chronic inhalation exposure
Ozone Depleting Compounds	Prohibited above 100ppm
Volatile Organic Compounds	Restricted to 0.1% (dilutable cleaners) and 1% (ready-to-use cleaners)
Carcinogens	Cannot be intentionally added at any level
Mutagens	Cannot be intentionally added at any level
Reproductive Toxins	Cannot be intentionally added at any level
Per- and Polyfluoroalkyl Substances (PFAS)	Cannot be intentionally added at any level
Alkylphenol Ethoxylates	Prohibited above 100ppm
2-butoxyethanol	Prohibited above 100ppm
Phthalates	Prohibited above 100ppm

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Safer Chemicals (continued)

Selenium	Prohibited above 100ppm
Hexavalent Chromium	Prohibited above 100ppm
Lead	Prohibited above 100ppm
Colorants	Cannot contain intentionally added heavy metals
Enzymes	Products containing enzymes must meet additional criteria
Microorganisms	Products containing microorganisms must meet additional criteria
Combustibility	Product or 99% of ingredients must have a flashpoint above 150°F as tested through ASTM D92, ISO 13736, or ISO 2719. Or, product cannot sustain a flame during ASTM D4206
Fragrances	All added fragrances must be disclosed and follow the Code of Practice of the International Fragrance Association

Sustainable Packaging



Plastic	Must be either source-reduced, recyclable, contain at least 25% post-consumer material or be a refillable package with an effective take-back program
Non-Plastic	Must be either recyclable or contain at least 25% post-consumer material
Aerosol Cans	Packaging type is prohibited
Resin Identification Code	Plastic packages must be marked with 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, Cadmium and Hexavalent Chromium must not be intentionally added to primary packaging

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Verified Performance and Claims



Performance Requirements	Products must demonstrate they remove common soils and are resistant to re-soiling as measured by an objective, scientifically validated method conducted under controlled and reproducible laboratory conditions. Products may perform as well as or better than a nationally-recognized or market-leading product.
Concentrates	Must be concentrated to at least 1:16 level (dry/absorbent compound cleaners and spot removers exempt)
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
Labeling	Must include instructions for proper use and disposal to minimize waste
Cold Water Labeling	Must specify to use cold water when applicable during use
Fragrance Labeling	Must declare if a fragrance has been added
pH Declaration	Must declare the pH of the product as-used