

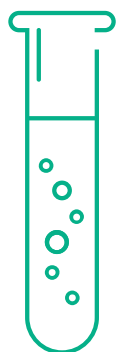
# GS-34 Cleaners and Degreasers



## A High Standard for Protecting People and Planet

Green Seal's Leadership standard means cleaning and degreasing products for production and maintenance applications are verified as safer for human health and the environment than similar products while delivering uncompromising performance.

## Science Of Green - Health



Acute Toxicity (Oral)	LD50 > 5,000 mg/kg
Acute Toxicity (Inhalation)	LC50 > 20,000 ppm of vapor or gas or 500 mg/L
Dermal Toxicity (Skin)	LD50 > 2,000 mg/kg
Acute Toxicity to Aquatic Life	LC50 > 100mg/L for algae, daphnia, or fish
Aquatic Biodegradability	Each organic ingredient must readily biodegrade
Eutrophication	Sum of total phosphorus restricted to < 0.5%
Skin and Eye Damage	pH of > 2.0 but less than 11.5; Must not be corrosive to skin and eyes
Ozone Depleting Substances	Prohibited above 100ppm
Volatile Organic Compounds	VOC Content < 5% by weight or level in CARB for product type
Carcinogens	Prohibited above 100ppm
Reproductive Toxins	Prohibited above 100ppm
Per-and Polyfluoroalkyl Substances	Cannot be intentionally added at any level
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

## Verified Performance and Claims



Product Performance	Products must demonstrate they clean common soils as measured by valid ASTM or MIL tests.
Marketing Claims	Must include instructions for proper use and disposal to minimize waste
End of Use Instructions	Manufacturer will take back products for recycling or provide specific instructions for recycling and disposal
Labeling	Green Seal trademarks cannot be used in conjunction with any claims that might mislead consumers as to the extent or nature of certification