

BURCOTERGE™ GRN

Cationic/Nonionic Surfactant System for Water-Based, Low-VOC, Biodegradable Cleaners and Degreasers

BENEFITS AND FEATURES

- Can be used in the formulation of “green” products compliant with Green Seal and EPA Design for the Environment (DfE) standards and similar “green” standards
- Listed on EPA’s Cleangredients® database
- Readily biodegradable
- Rapidly removes oily, greasy, waxy, and particulate soils from metal, glass, concrete, plastic, and fabric surfaces
- Provides fast penetration and wetting/spreading
- Leaves surfaces streak free
- Performance remains effective upon dilution versus traditional glycol ether, solvent and surfactant based systems
- Only surfactant required in the formulation, requires no coupler
- Alkyl phenol ethoxylate (APE) free

TYPICAL APPLICATIONS

- Household Cleaners: all purpose cleaners and degreasers, patio furniture cleaners, vinyl and aluminum siding cleaners, neutral floor cleaners, concrete floor cleaners
- I&I: all purpose cleaners and degreasers, oven cleaners, parts washers, neutral floor cleaners
- Printing: press cleaners (offset, litho, flexo, and water-based gravure), including blankets, press frames, folders, and guide rollers
- Transportation: frictionless/touchless presoaks, self-splitting truck washes, self-serve presoaks/detergents, non-acid wheel cleaners, bilge cleaners, canvas and vinyl cleaners

TYPICAL PROPERTIES

Appearance at 25°C	Clear yellow liquid
pH (1% aqueous)	5.75
% Solids	28.5
Freeze Point, °F	32
Density, lbs/gallon	8.42

FORMULATION GUIDELINES

- Burcoterge GRN is compatible with cationic and nonionic surfactants. The product is not compatible with anionic surfactants.
- Burcoterge GRN can be used in both acidic and basic environments. However, effectiveness of the product rapidly diminishes above a pH of 11.5.
- The use of solvents such as glycols, butyl ethers, and d-limonene as part of the formulation is possible.
- To increase the amount of foam generated, surfactants such as Burcoterge C2P-39 (amphoteric) or Burco COPB-35 (betaine) can be added to the formulation.
- Formulation of DfE and Green Seal acceptable products should follow the guidelines published by the certifying bodies to ensure all standards are met for all materials in a given formulation.

AVAILABILITY

Burcoterge GRN is available in 53-gallon, open-head, poly drums (430 lbs), in totes, and in bulk.

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