

Proprietary Cationic/Nonionic Blend**Advantages:**

- Great at cutting grease, dirt and oil
- Solvent alternative
- Acid and alkaline stable
- Ease-of-use and handling
- Water-soluble

Typical end-use applications:

- Highway structures
- Valves
- Castings
- Dies
- Concrete floors
- Tanks
- Stampings
- Asphalt
- Exhaust hoods
- Windows
- Engines
- Motors
- Compressors
- Industrial equipment

Typical soils removed:

- Oil
- Carbon deposits
- Grease
- Wax
- Cutting Oils
- Road salt
- Soot
- Fuel
- Mud
- Tar
- Grime
- Lubricants

Notes:

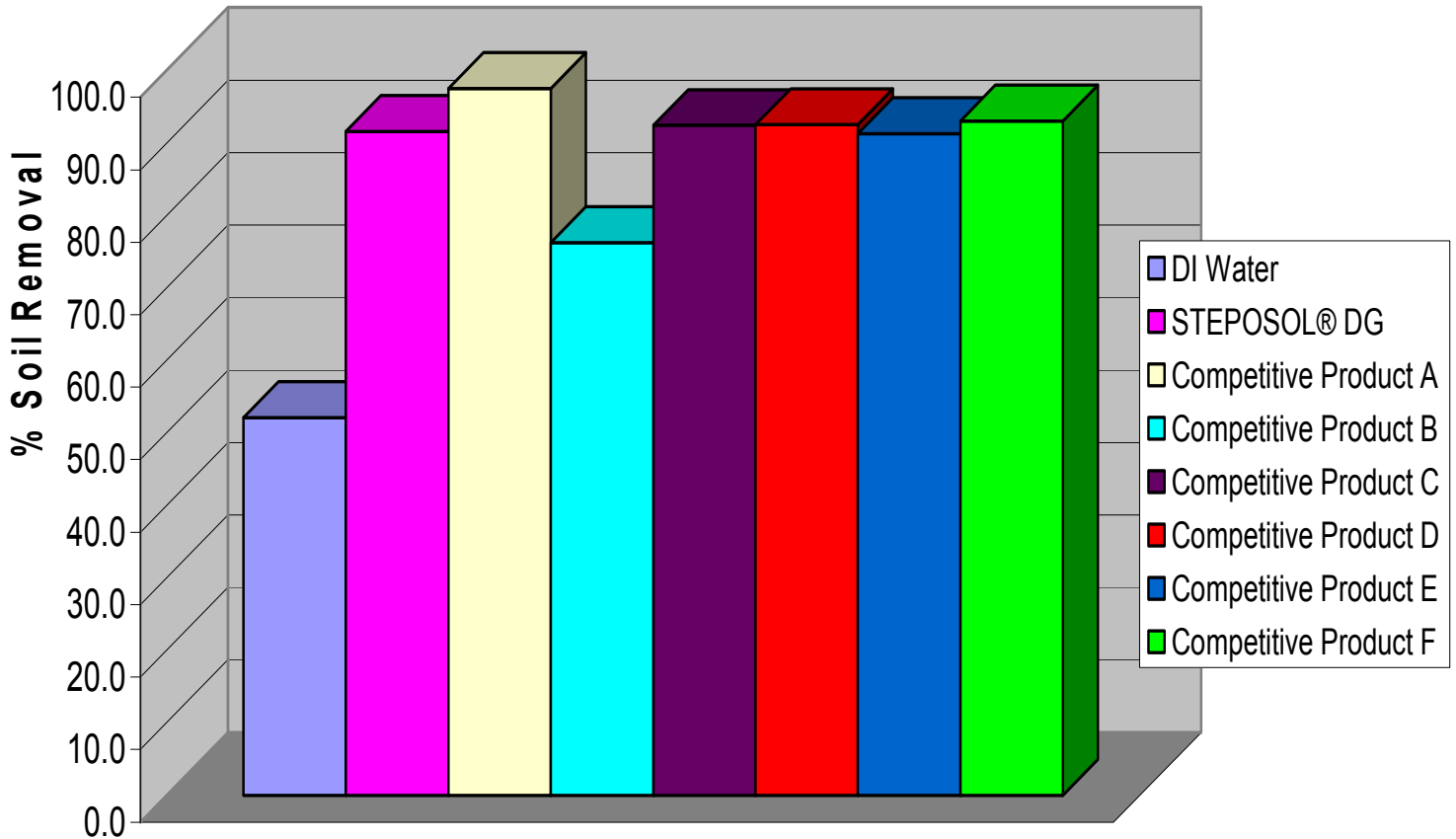
- Ideal for water-based degreasing formulations.
- Stepan is an industry leader in quaternization, alkoxylation and blending.
- This product is not compatible with anionic surfactants.

Recorded successes:

Feather washing compound, car wash pre-soak and ingredient for peroxide cleaner.



Gardner Straight-line Washability Test Formulation: 0.4% wt. surfactant, 0.1% wt. TKPP



Based on Gardner Straight-line Washability Test Results, STEPOSOL® DG performs as well as the competitive surfactant blends sold in the market today.

STEPOSOL® DG is manufactured in Winder, GA and stocked in Illinois. Bulk, tote, drum quantities and sample stock are available. Additional literature is available at www.stepan.com or by contacting Stepan's Technical Services Department at 1-800-745-7837 or techserv@stepan.com

April 2009

Page 2 of 2

© 2009. Stepan Company. All rights reserved.

Nothing contained herein grants or extends a license, expressed or implied, in connection with patents, issued or pending, of the manufacturer or others. The information contained herein is based on the manufacturer's own study and the work of others. The manufacturer makes no warranties, expressed or implied, as to the accuracy, completeness, or adequacy of the information contained herein. The manufacturer shall not be liable (regardless of fault) to the vendee's employees, or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness adequacy or furnishing of such information.