

Next time, cleaning will take even less time with ACUSOL™ PRO Polymer



Formulation benefits

- Superior grease removal
- Easy next-time cleaning
- Doesn't leave streaks or a film
- Leaves no visual residue
- Heat, age, freeze-thaw and quat stability*
- Easy to dose and incorporate into formulations
- Suitable for both neutral and alkaline cleaners
- Maintains formulation clarity
- Can be formulated with bleach

*In normal trigger spray formulations containing up to 0.25% ADBAC quaternary disinfectant.

Today's consumers have less time for cleaning and are looking for quick, convenient solutions. ACUSOL™ PRO Polymer, a formulation additive for hard surface cleaners, offers superior grease removal compared to other cleaning additives, but it also leaves behind an invisible barrier that makes cleaning even easier the next time – with no build-up. Over time, consumers will notice a significant reduction in the “elbow grease” needed to keep their surfaces clean and grease-free – resulting in greater customer loyalty for your cleaning product.

INCI name:

Carboxylic Copolymer

Physical and chemical properties

- Transparent, yellowish liquid
- Mild, inoffensive odor
- 25% active content

Formulation guidelines

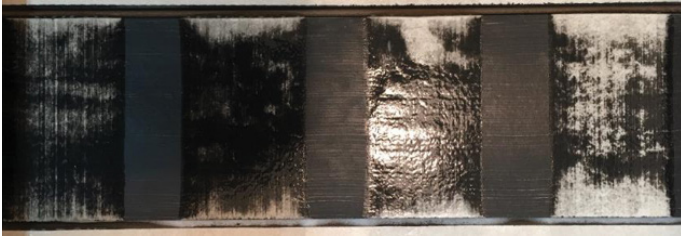
- Recommended level of addition: 0.5% to 1% active level
- Post-addition feasible

Proven results

First-time clean (no pretreating)

Kitchen cleaner alone

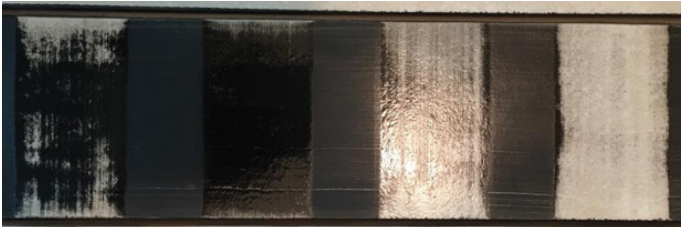
Kitchen cleaner with 0.5%
ACUSOL™ PRO Polymer



Next-time clean (pretreated with same)

Kitchen cleaner alone

Kitchen cleaner with 0.5%
ACUSOL™ PRO Polymer



Testing conditions: KW Method for Quality Assessment of All-Purpose Cleaners was used for performance evaluation. Oily soil was applied and cooked at 150°C for 195 minutes. Photos were taken after similar strokes using similar sponge and pressure.

Alkaline kitchen cleaner model formulations used in testing

Ingredients	Level of inclusion
DOWANOL™ Glycol Ether Solvent	1.0%
ECOSURF™ EH-6 Surfactant	1.0%
ACUSOL™ PRO Polymer	0.5% or 1.0% active
NaOH	Up to pH=10.5
Deionized Water	Up to 100%

Technical data

ACUSOL™ PRO Polymer	
Chemical name	Carboxylic Copolymer
Molecular Wt.	10,000
% Solids	24-26
pH	10.2-10.6
Viscosity (mPa.S)	100

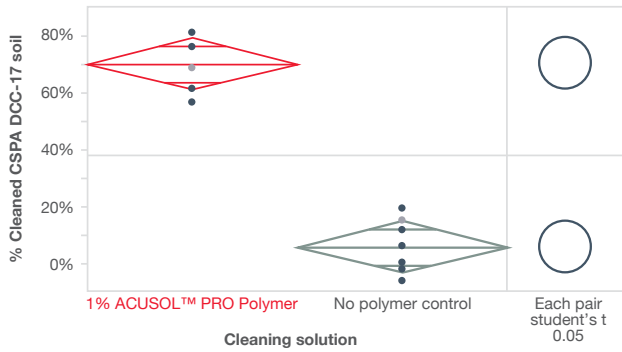


Statistical evaluations

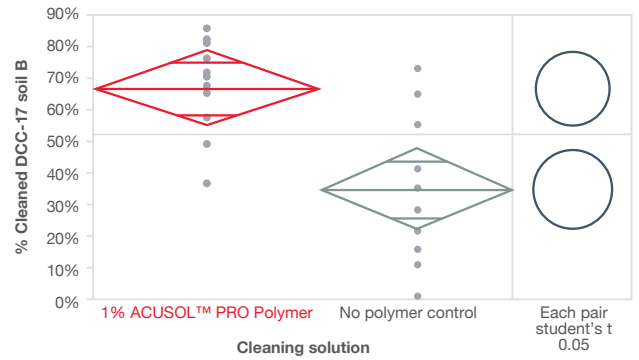
Statistical evaluations show that ACUSOL™ PRO Polymer not only has great first-time cleaning capabilities, it makes subsequent cleaning easier.

First-time cleaning

Oneway analysis of % cleaned CSPA DCC-17 soil by cleaning solution

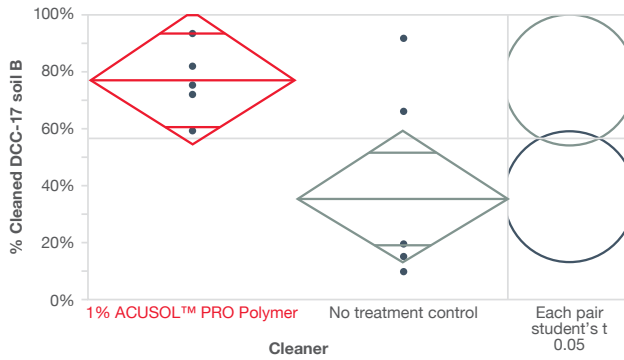


Oneway analysis of % cleaned DCC-17 soil B by cleaning solution

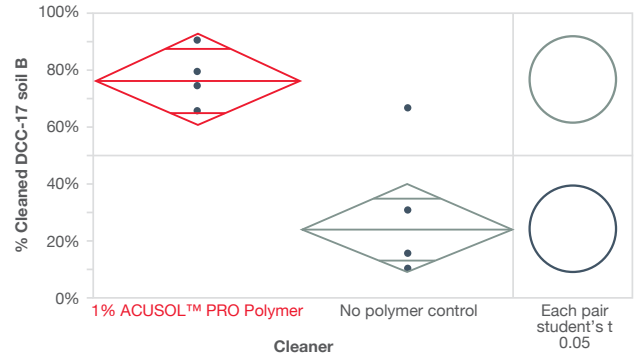


Next-time cleaning

Oneway analysis of % cleaned DCC-17 soil B by cleaner



Oneway analysis of % cleaned DCC-17 soil B by cleaner



Learn more

For more information about Dow's innovative cleaning additives, please visit consumer.dow.com/homecare.

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