

# QUESTCLEAN CGA

Best BioClay Based Chemistry - Here's Why!



Clean Deeper, the Natural Way



## Exceptional Dirt & Oil Absorption

Absorbs upto 85% oil, nearly  
3X more impurities than  
standard pre-treatment agents



## Enhanced Fabric Whiteness

Effectively removes natural  
pigments & oils, leading to a  
brighter, more uniform fabric  
appearance & boosts whiteness  
& dye uptake



## Eco-Smart Chemistry

Natural, Biodegradable, non-  
toxic, and APEO/NPEO free



## Preserves Fabric Integrity

Gentle on fibers, maintaining  
fabric strength and softness



## Low Foam, High Compatibility

Perfect for high-turbulence  
and low-liquor machines

# Experience the Questvantage!

| Feature                    | Conventional Cleaners                                                                                                            | Questclean CGA                                                                                                                         |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Environmental Impact       |  High; increases effluent load                  |  Low; reduces COD/BOD levels                        |
| Chemical Usage             |  High; relies on strong alkalis and surfactants |  Minimal; clay-based formulation                    |
| Fabric Strength Retention  |  Moderate; potential fiber damage               |  High; gentle on fibers                             |
| Energy Consumption         |  High; requires elevated temperatures           |  Low; operates at lower temperatures                |
| Compatibility with Enzymes |  Limited; may inhibit enzymatic activity       |  Excellent; works synergistically with bio-enzymes |

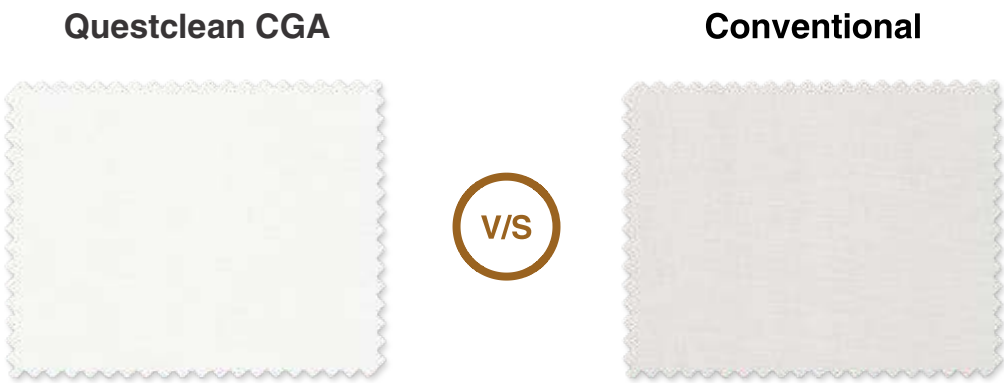
## How to Use Questclean CGA

|  Ingredient |  Dosage |  Conditions |
|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Questclean CGA                                                                                 | 1.5–2.0% o.w.m                                                                             | -                                                                                                |
| Caustic Soda                                                                                   | 1.0 - 1.5%                                                                                 | -                                                                                                |
| Peroxide                                                                                       | 2.0 - 6.0%                                                                                 | Based on whiteness level                                                                         |
| Temperature                                                                                    | -                                                                                          | 80 - 100°C                                                                                       |
| pH                                                                                             | -                                                                                          | 7.0 - 8.5                                                                                        |

*\*Application levels depend on the type of fabric and the desired finish*

# Performance You Can See

## Absorption Efficiency Test



Comparison of Dirt and oil Pick-up for Quest treated fabric vs competition

## Fabric Cleaning Test



Comparison of Whiteness Index for Quest treated fabric vs competition

## Foam Profile Evaluation



Comparison of foam production for Quest BioClay based chemistry vs competition

# BioClay Makes the Difference



## Cotton & Blends

Cleaner yarns,  
brighter whites,  
better dye  
uniformity with less  
chemical load



## Garment processing (Fashion & Basics)

A smoother, safer  
base for color-rich  
fabrics and  
delicate textiles



## Knits & Terry Towels

Extra softness and  
absorbency for  
textiles that touch  
daily life



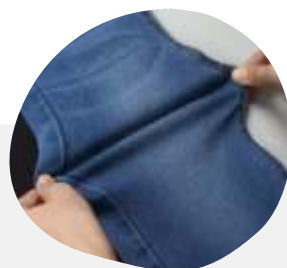
## Medical Textiles (scrubs, sheets)

Cleaner pre-  
treatment = fewer  
post-process  
chemical residues.



## Home furnishings

Prepares blends like  
poly-viscose and  
linen-cotton for  
effective cleaning &  
brighter finishing



## Denims

Improves stonewash  
and bio-polishing  
uniformity and fabric  
strength retention  
post-bleach



Ready to Clean Better, Greener, Smarter? Explore how Quest BioClay transforms your fabric treatment process. Contact us today for technical support & sample requests.



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