



# TECHNICAL BULLETIN ULTERION® PW140-60 DESIZE / LUBRICANT

## PERFORMANCE FEATURES

- Cold water desize agent
- Improved scouring
- Improved fiber to fiber lubrication
- Reduced marking and streaking
- Anti-redeposition

## Product Description

*Ulterion® PW140-60* is a cold water soluble flowable, high-solids, polymeric lubricant and desize agent formulated for the use with or without cellulose and  $\alpha$ -amylase based enzymes. It is formulated for indigo garment washing under a wide range of scouring temperatures.

*Ulterion® PW140-60* is extremely effective as a desize agent between the temperatures of 32°C and 70°C with minimal fluctuation of efficiency.

As an added benefit to the *Ulterion® PW140-60*, the polymeric lubricant functionality has been formulated to prevent unwanted redeposition and reduces streaking, fiber breaks and inconsistent marking of the garment due to inefficient size removal during the desizing process.

*Ulterion® PW140-60* is made from renewable raw materials.

## Application Methods

The *Ulterion® PW140-60* should be added to the wash cycle at 50°C for a 10 minute duration at a rate of 0.5 – 2.0% based on garment weight.

## MARKET USES

- Denim Processing

## Typical Properties

Appearance	Hazy, Amber Liquid
Solids, %	60
pH	7.0 - 8.5
Viscosity, cPs	<10,000
Density	1.08
Origin	USA

## Handling & Storage/Stability

*Ulterion® PW140-60* should be stored between 20°C and 35°C to insure maximum shelf life. For best results, this dispersion should be used within one year. There are no special storage requirements for *Ulterion® PW140-60*.

For spills of dispersed *Ulterion® PW140-60* sprinkle sawdust or vermiculite over the spill area and sweep the material into approved chemical disposal containers.

## Product Safety

When considering the use of **Ulterion International** products, please refer to the latest Material Safety Data Sheets (MSDS). If a MSDS for this product is required, please contact your **Ulterion International** Representative.



Ulterion International, LLC.  
200 Tanner Drive  
Taylors, SC 29687  
Phone: (864) 609-0910  
Fax: (864) 331-4264  
[www.ulterion.com](http://www.ulterion.com)



ULTERION

Taking Solutions Farther™

The information contained herein is thought to be accurate in all aspects; however, the applications for these products mentioned are presented without guarantee or responsibility as to the suitability of our products whether used singly or in combination with other products. Nothing herein is to be taken as a license to operate under or as a recommendation to infringe any patents. The products are sold without warranty, expressed or implied, and are purchased at buyer's risk.