



# ZENIGLOSS® Q

Zenigloss® Q a natural branched polymer derived from castor oil. This high molecular weight cationic polymer provides substantive conditioning and gloss to hair, making it ideal for conditioners. It performs very effectively on damaged (colour treated, permed, or bleached) hair, and is a very good detangler. Zenigloss® Q is an extremely mild polymer and can be used for body washes, skin and hair care applications. In 2 in 1 shampoo, Zenigloss® Q has been found to outperform conventional silicone-based ingredients in both wet and dry comb performance, as well as gloss providing shine to the hair.

## KEY FEATURES AND BENEFITS

100% Active  
Substantive condition to hair with no build up  
Compatible with anionic systems  
No reduction in foam  
Improved gloss to coloured & damaged hair  
Conditioner & detangler  
Rich texture & ease of application  
Good wet & dry combability  
Aids in colour retention on treated hair  
Extremely mild

## APPLICATIONS

Skin Care: Moisturizing creams.  
Sun Care: Sunscreen lotions.  
Hair Care: Rinse-off and Leave-In Conditioners, Detanglers, Gloss sprays, rinses, baby and 2:1 shampoo.  
Nail Care: Polish removers.

Typical Use Levels: 0.4 to 4.0 %

## TYPICAL PROPERTIES (NOT A SPECIFICATION)

Appearance @ 25° C: Clear Yellow Liquid  
Odour: Typical mild fatty  
Colour (Gardner): 10 Max  
Acid Value (mg KOH/g): 32 Max  
Refractive Index @ 25 °C: 1.47 to 1.49  
Average Molecular Weight (Da): 4,800

## COMPLIANCE INFORMATION

INCI Name: Polyquaternium-57  
CAS Number: Refer to SDS  
EC Number: Refer to SDS

For detailed Global Designations consult SDS.

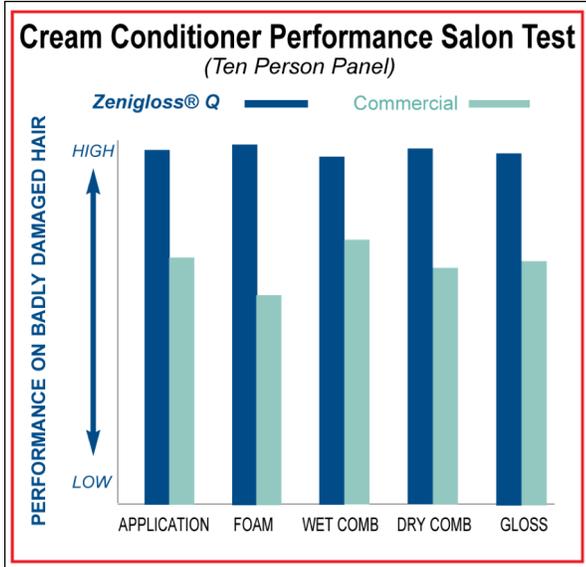
## STANDARD PACKAGING

Zenigloss® Q is available in 16 kg pails





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## Cream Conditioner Results

Identical formulas where;

“commercial” type product formulation uses Cetrimonium Chloride.

“TC USA” formula uses Zenigloss® Q (Polyquaternium-57).

Use level on both formulas: 3.0%

## 2:1 Conditioning Shampoo

Identical formulas where;

“commercial” type product formulation uses Panthenol (Pro Vitamin B5) at 0.2%  
“TC USA” formula uses Zenigloss® Q (Polyquaternium-57) at 0.4%.

