



EUROPACIF 2155 ULTRA

preservative free
versatile opacifier

PRODUCT DESCRIPTION

Europacif 2155 Ultra is a preservative free versatile opacifier developed for giving formulations a milky and creamy appearance.

INCI NAME Styrene/Acrylates Copolymer

BENEFITS

- Highly effective
- Low dosage level
- High whiteness
- Dense opacity
- Excellent formulation stability and compatibility
- No modification of the formulation cleansing properties
- Easy to handle
- Preservative free

APPLICATIONS

Home care

- all-purpose cleaners
- dish washing liquids
- fine laundry detergents
- toilet cleaners



Personal care

- body washes
- facial cleansers
- foam baths
- liquid soaps
- shampoos and skin care products

OPACIFYING PERFORMANCE



A softening shower cream has been prepared with different dosage levels of Europacif 2155 Ultra from 0.1% to 1.0%. The samples are shown with 0, 0.1, 0.2, 0.5 and 1.0% Europacif 2155 Ultra. High whiteness is observed from 0.5% Europacif 2155 Ultra.



RECOMMENDATIONS FOR USE

Europacif 2155 Ultra should always be added at the end of the manufacturing process, esp. after final pH adjustment. Europacif 2155 Ultra should be prediluted in water at a ratio of 1 part opacifier to 4 parts of water just before addition to the formulation. The addition of Europacif 2155 Ultra should always happen slowly but under sufficient stirring. Dosage level: 0.1 - 1.0%.

GUIDE FORMULATIONS



Shower cream Ref 993-08C		
INGREDIENT	INCI DESCRIPTION	% w/w
Water	Aqua	57.7
LES28	Sodium Laureth Sulfate	30.0
Glycerin	Glycerin	6.0
Euroquat HCB LA	Cocamidopropyl Betaine	4.0
Euroglyc AMS	Sodium Cocoamphoacetate	2.0
Citric acid	Citric Acid	Qs to pH 5.5
Europacif 2155 Ultra	Styrene/Acrylates Copolymer	0.3
Preservative	-	Qs
Sodium chloride	Sodium Chloride	Qs to 3000 mPa.s

Mild milky hand soap Ref 993-08A		
INGREDIENT	INCI DESCRIPTION	% w/w
Water	Aqua	63.6
LES28	Sodium Laureth Sulfate	24.0
Euroquat HC47 VG	Cocamidopropyl Betaine	6.2
Euroglyc AMS	Sodium Cocoamphoacetate	4.0
Glycerin	Glycerin	2.0
Lactic acid	Lactic Acid	Qs to pH 6.0
Europacif 2155 Ultra	Styrene/Acrylates Copolymer	0.2
Preservative	-	Qs
Sodium chloride	Sodium Chloride	Qs to 4000 mPa.s

White and shine bleach gel Ref 4053363-21B		
INGREDIENT	INCI DESCRIPTION	% w/w
Water	Aqua	68.0
NaOCL (2.2% Active Chlorine) *	Sodium Hypochlorite	10.0
NaOH (0.25 M)	Sodium Hydroxide	10.0
LES28	Sodium Laureth Sulfate	1.8
Euroxide M25	Myristamine Oxide	9.0
Eurasol PPZ	Potassium Cocoate	1.0
Europacif 2155 Ultra	Styrene/Acrylates Copolymer	0.2
Sodium chloride	Sodium Chloride	Qs to 1500 mPa.s

* : Ratio % / ° Active Chlorine = 1 / 3.16



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