



SOLVAY

asking more from chemistry®

Miracare® SOFT 313

Sulfate & Oxide-Free
Technologies
For Mild Cleansing



Versatility in Creating Formulations For Different Consumer Benefits

Eco-conscious Body Wash

For consumers worried with their own environmental impact

Ingredient	Dose (as supplied)
Miracare® SOFT 313	99.4
Fragrance	0.5
Preservative	0.1



Deep Moisture Body Wash

For dry skin types in dire need of deep moisturization

Ingredient	Dose (as supplied)
Miracare® SOFT 313	25.1
Rheomer® 33T	8.3
Petrolatum	3.0
Polyglycerol-3	1.5
Mackamide® LAME-100	0.5
Fragrance	0.5
Preservative	0.1
Water	QSP



Apricot Scrubbing Body Wash

Exfoliating without irritating sensitive skin types

Ingredient	Dose (as supplied)
Miracare® SOFT 313	28.6
Rheomer® 33T	8.3
Apricot Seed Powder	0.20
Gold Star Sparkle	0.15
Fragrance	0.5
Preservative	0.5
Water	QSP





A Versatile Cleansing System that Delivers on Gentleness & Sensorial Experience

Solvay offers **Miracare® SOFT 313**, an innovative sulfate-free and oxide-free performance concentrate which provides the benefits and convenience of a complete surfactant system. Optimized to deliver superior cleansing, while prioritizing gentleness on skin, this new complex generates a luxurious foam and offers an exceptional sensorial experience, which leaves the skin feeling soft and smooth.

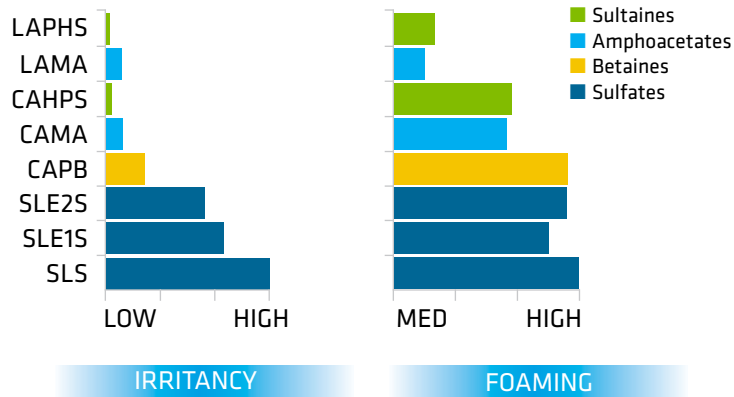
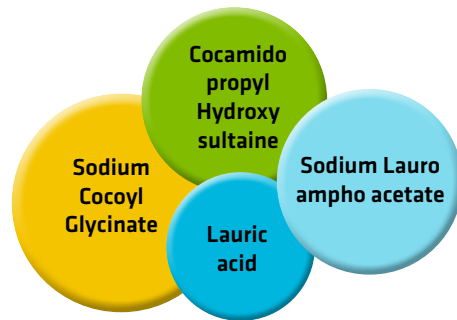
A Research to Optimize Expectations For Both Skin Mildness & Foam Texture

Formulators usually want to balance foaming and mildness, which can go in opposite directions: anionics – in particular, sulfated ones (SLS, SLES) are great airy foamers, but are highly detergent and cause irritation. Amphoteric can modify foam and mitigate irritancy, but their mildness and foaming vary. Chemistries, doses and ratios must be carefully chosen, to design best-in-class, optimized combinations.

A Proven Efficacy in Gentleness, And Unique Sensorial Attributes

Miracare® SOFT 313 is based on Sodium Cocoyl glycinate which derives from glycine, the simplest & widespread amino acid essential to all living processes. Once combined with two carefully chosen specialty amphoteric technologies, i.e. hydroxysultaine and amphoacetate, and with lauric acid, superior mildness is achieved but not at the expense of foaming, with a dense, luxurious foam.

- ▶ Recommended use level: 20 -100% as supplied
- ▶ pH in use > 6.3 for optimally stable formulations
- ▶ Preservative-free, high pH self-preserved



- >90%** Milder than a conventional SLES/CAPB chassis
- on par** Mildness with sulfate-free market benchmark
- <10%** Active surfactants (wt%) solutions can be created
- ~60%** Prevention of long-term transepidermal water loss
- +80** Resilience in long-term moisture than market benchmark

INCI name Sodium Cocoyl glycinate, Disodium Lauroamphoacetate, Cocamidopropyl Hydroxysultaine, Lauric acid.

CAS # 90387-74-9; 68139-30-0; 68608-66-2; 143-07-7

Typical properties	
Appearance, 25C	Clear, flowable liquid
pH, 10wt% solution	9.5-10.4
% Solids	33.5-35.5wt%
Viscosity (LV3 @ 6rpm)	5000 cps max
Gardner Color	2 max



Mildness & Care

Foam & Sensorials

- >50%** More foam than recognized market benchmark
- >70%** More stable foam than recognized benchmark
- Soft** Powdery after-feel thanks to the Glycinate technology

SOLVAY *Way*

The way we do business

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