

REWOPOL® SB FA 30 B

Universal, mild anionic surfactant for personal care formulations

- good skin and mucous membrane compatibility
- good foam stability even in hard water
- good cleansing properties
- easy handling due to low viscosity

Personal Care

INCI Name

Disodium Laureth Sulfosuccinate

Chemical and physical properties (not part of specifications)

Appearance (20°C)	clear liquid, tends to cloudiness after extended storage
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Properties

REWOPOL® SB FA 30 B is an anionic surfactant, very mild to skin and mucous membranes. It exhibits a synergism with other anionic surfactants. It will, for example, improve the skin compatibility of Sodium Laureth Sulfate. The reduction of skin irritation in formulations is noticed.

REWOPOL® SB FA 30 B is stable in hard water. No lime soaps are formed even in water of extreme hardness.

REWOPOL® SB FA 30 B is fully compatible with other anionic, non-ionic and amphoteric surfactants.

REWOPOL® SB FA 30 B is an ester. It tends to hydrolyse in alkaline or acidic media.

Application

REWOPOL® SB FA 30 B is used in:

- Hair shampoos
- Foam baths
- Shower shampoos
- Liquid soaps and washing lotions

Suggested usage concentration

5 – 30 % REWOPOL® SB FA 30 B

Processing hint

REWOPOL® SB FA 30 B tends to cloudiness and crystallization after storage time. This is reversible and has no negative influence on the quality. For processing, the product should be heated up shortly to 30 – 40°C. If the whole package can be used, it is enough to mix the product and solve it in the formulation.

Packaging

800 kg pallet (4 x 200 kg)

Hazardous goods classification

Information concerning

- classification and labelling according to regulations for transport and for dangerous substances
- protective measures for storage and handling
- measures in accidents and fires
- toxicity and ecological effects

is given in our material safety data sheets.

Guide Line Formulations

Babyshampoo, slight conditioning, without SLES-addition SH 14013B	
REWOPOL® SB FA 30 B	10.0 %
REWOPOL® SB CS 50 B (Disodium PEG-5 Laurylcitrate Sulfosuccinate, Sodium Laureth Sulfate)	5.0 %
TEGOSOFT® GC (PEG-7 Glyceryl Cocoate)	0.5 %
Water	66.9 %
REWOTERIC® AM C (Sodium Cocoamphoacetate)	10.0 %
Citric Acid	q.s.
REWODERM® LI S 80 (PEG-200 Hydrogenated Glyceryl Palmate; PEG-7 Glyceryl Cocoate)	4.0 %
REWOMID® SPA (Isostearamide MIPA)	1.1 %
VARISOFT® PATC (Palmitamidopropyltrimonium Chloride)	2.5 %
Preservatives	q.s.
Preparation: Mix the ingredients in the given order. Adjust the pH value with Citric Acid to 5.5 – 6.0.	

Mild Babyshampoo, slight conditioning 6.3.5/1000214	
Sodium Laureth Sulfate, 28%	20.0 %
REWOPOL® SB FA 30 B	6.0 %
TEGOSOFT® LSE 65 K Soft (Sucrose Cocoate)	2.5 %
Water	60.4 %
TEGO® Betain F 50 (Cocamidopropyl Betaine)	7.0 %
VARISOFT® PATC (Palmitamidopropyltrimonium Chloride)	2.5 %
ANTIL® 171 (PEG-18 Glyceryl Oleate/Cocoate)	1.1 %
NaCl	0.5 %
Preservatives	q.s.
Preparation: Mix the ingredients in the given order. Adjust the pH value with Citric Acid to 5.5 – 6.0 and the viscosity with NaCl.	

After Sun Shower Gel MAC 287/5/1	
Sodium Laureth Sulfate, 28%	27.0 %
Perfume	0.5 %
REWOPOL® SB FA 30 B	12.0 %
Water	43.5 %
LACTIL® (Sodium Lactate; Sodium PCA; Glycine; Fructose; Urea; Niacinamide; Inositol; Sodium Benzoate; Lactic Acid)	2.0 %
TEGO® Cosmo C 100 (Creatine)	1.0 %
TEGOSOFT® PC 41 (Polyglyceryl-4-Caprate)	2.0 %
TEGO® Betain F 50 (Cocamidopropyl Betaine)	10.0 %
ANTIL® 171 (PEG-18 Glyceryl Oleate/Cocoate)	2.0 %
NaCl	q.s.
Preservatives	q.s.
Preparation: Mix the ingredients in the given order.	

Mild Shower Gel UM 262/2/4	
Sodium Laureth Sulfate, 28%	30.0 %
REWOPOL® SB FA 30 B	5.0 %
Perfume	0.5 %
TEGOSOFT® M (Isopropyl Myristate)	0.5 %
TEGOSOFT® PC 41 (Polyglyceryl-4-Caprate)	1.0 %
Water	ad 100.0 %
TEGO® Betain F 50 (Cocamidopropyl Betaine)	12.0 %
LACTIL® (Sodium Lactate; Sodium PCA; Glycine; Fructose; Urea; Niacinamide; Inositol; Sodium Benzoate; Lactic Acid)	1.0 %
ANTIL® 200 (PEG-200 Hydrogenated Glyceryl Palmate; PEG-7 Glyceryl Cocoate)	1.0 %
NaCl	q.s.
Preservatives	q.s.
Preparation: Mix the ingredients in the given order.	

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(Status: April, 2008)