

REWOTERIC® AM C

Amphoteric surfactant with good skin compatibility,
developed for baby shampoos and mild skin cleansers

Intended use

Surfactant

Benefits at a glance

- amphotoacetate with a very high content of monoacetate
- non-irritating surfactant for sensitive skin
- strong foaming
- strong viscosifier
- vegetable based
- preservative-free

INCI (PCPC name)

Sodium Cocoamphoacetate

Chemical and physical properties (not part of specifications)

Appearance (20 °C)	liquid
Character	amphoteric

Properties

The recommended pH-range for application is 4 – 9. REWOTERIC® AM C is a Cocoamphomonoacetate.

The by-products such as MCA and DCA are minimized by optimized production.

The mildness of the structure has been proven with the in-vitro Red-Blood-Cell test.

REWOTERIC® AM C exhibits outstanding good foaming properties, even in the presence of oil or

soap. The improvement of viscosity is much easier when using REWOTERIC® AM C in skin cleansing formulations with commonly used surfactants.

REWOTERIC® AM C is a very good lime soap dispersant and wetting agent. It shows a good resistance to hard water and foams even in salt water. REWOTERIC® AM C is compatible with anionic, non-ionic and other amphoteric surfactants. REWOTERIC® AM C is easy to handle due to its low viscosity.

Application

REWOTERIC® AM C is recommended for use in products for sensitive skin or daily use products such as skin and hair cleansers due to its good skin and mucous membrane compatibility.

Adding REWOTERIC® AM C to anionic surfactants improves the following properties of personal care formulations:

- Mucous membrane compatibility
- Skin compatibility
- Foam quality
- Foam quantity
- Resistance to hard water
- Viscosity adjustment

REWOTERIC® AM C is used in personal care products such as:

- Baby shampoos
- Baby baths

- Skin cleansers for sensitive skin
- Shower shampoos, mild and caring
- Cream baths
- Hair shampoos
- Intimate hygiene
- Liquid soaps, very mild

Suggested usage concentration

5 – 30% REWOTERIC® AM C

Packaging

800 kg pallet (4 x 200 kg)
1000 kg container
bulk

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.

Guideline formulations

Mild Conditioning Shampoo for Kids / Babies SG 1055/2	
Sodium Laureth Sulfate, 28%	8.0%
Perfume	0.2%
ABIL® Soft AF 100 (Methoxy PEG/PPG-7/3 Aminopropyl Dimethicone)	0.7%
Water	64.7%
Polyquaternium-10 (Polymer JR 400, Amerchol)	0.2%
REWOPOL® SB CS 50 B (Disodium PEG-5 Laurylcitrate Sulfosuccinate; Sodium Laureth Sulfate)	10.5%
REWOTERIC® AM C	11.0%
Citric Acid, 30%	1.7%
VARISOFT® PATC (Palmitamidopropyltrimonium Chloride)	1.5%
ANTIL® 200 (PEG-200 Hydrogenated Glyceryl Palmate; PEG-7 Glyceryl Cocoate)	1.5%
Preservatives	q.s.
<p>Preparation: Dissolve the Polymer JR 400 in the water and let it swell. Combine the ingredients in the given order.</p> <p>Remarks: very mild, RBC-test result: basically non irritant. viscosity: 3500 mPas.</p>	

Baby Softwash VK 43/16	
Phase A	
Water	20.0%
TEGO® Carbomer 341 ER (Acrylates / C10-30 Alkyl Acrylate Crosspolymer)	0.3%
NaOH, 10%	0.5%
Phase B	
Perfume	0.2%
REWODERM® LI 67-75 (PEG-80 Glyceryl Cocoate)	7.1%
Sodium Laureth Sulfate, 28%	14.3%
Glycerin	5.0%
Water	32.9%
REWOTERIC® AM C (Sodium Cocoamphoacetate)	12.5%
Phase C	
Citric Acid, 30%	1.4%
ANTIL® 200 (PEG-200 Hydrogenated Glyceryl Palmate; PEG-7 Glyceryl Cocoate)	2.0%
REWOMID® SPA (Isostearamide MIPA)	0.8%
TEGO® Pearl N 100 (Glycol Distearate; Steareth-4)	3.0%
Phase Z	
Preservative	q.s.
Preparation: A: Disperse the TEGO® Carbomer 341 ER in warm water (30 °C). Mix for 30 minutes, neutralize with NaOH. B: Mix the ingredients in the given order. Add A to B while stirring. Add the ingredients of phase C to A+B in the given order and stir until it is homogeneous. Finally add preservative as required.	

Mild Shower Bath SG 771/35	
Sodium Laureth Sulfate, 28%	30.0%
VARISOFT® PATC (Palmitamidopropyltrimonium Chloride)	1.0%
Water	47.0%
Citric Acid Monohydrate	0.3%
REWOTERIC® AM C (Sodium Cocoamphoacetate)	5.0%
TEGO® Betain 810 (Capryl/Capramidopropyl Betaine)	12.0%
ANTIL® 171 (PEG-18 Glyceryl Oleate/Cocoate)	2.7%
TEGO® Pearl N 300 (Glycol Distearate; Laureth-4; Cocamidopropyl Betaine)	2.0%
Preservatives, Perfume	q.s.
Preparation: Mix the ingredients in the given order.	

Mild Conditioning Shampoo	
ST-CS 1	
Water	48.5%
ABIL® Quat 3272 (Quaternium-80)	0.6%
Sodium Laureth Sulfate, 28%	30.0%
REWOTERIC® AM C (Sodium Cocoamphoacetate)	8.0%
REWOPOL® SB CS 50 B (Disodium PEG-5 Laurylcitrate Sulfosuccinate; Sodium Laureth Sulfate)	6.0%
Citric Acid, 30%	1.8%
ANTIL® 120 Plus (PEG-120 Methyl Glucose Dioleate)	0.2%
VARISOFT® PATC (Palmitamidopropyltrimonium Chloride)	2.5%
NaCl	0.4%
TEGO® Pearl N 300 (Glycol Distearate; Laureth-4; Cocamidopropyl Betaine)	2.0%
Preservatives, Perfume	q.s.
Preparation: Mix the ingredients in the given order and stir. Adjust the pH value to approximately 5.5 with Citric Acid and the desired viscosity with NaCl.	

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