

C-319

CREAMY SHAMPOO BAR

GUIDELINE FORMULARY

DESCRIPTION

High and creamy foam

Conditioning properties

Eco-friendly and cold-processed

Easy to use

NOC* = 94%

**Natural Origin Content (without considering parfum, pH adjuster, colorant)*

COMPOSITION

	%
EMAL® 10G-3	Up to 100
DANOX® HC-30	20.0
AKYPO® FOAM LM 25	7.0
BETADET® SHR	1.0
KAO SOFCARE® GP-1	1.0
AMIDET® N	1.0
Propylene Glycol	1.0
KAO Fragrance	q.s.
Citric Acid	q.s.
Dye(s)	q.s.

TECHNICAL CHARACTERISTICS

Kao Method

APPEARANCE (20°C):	Solid	KCSA-258
pH (10%):	Approx. 8	KCSA-014
STABILITY TEST:	Correct	(1 month 40°C/RT/5°C)

RECOMENDED OPERATIVE METHOD

Solubilize the colorant with BETADET® SHR and Propylene Glycol.

Homogenize all products with a soap extruder.

Give the desire shape using a soap press.

HOW TO USE

Rub between warm wet hands to create foam.

Massage through hair and scalp.

Rinse with water.

COMPONENTS

AKYPO® FOAM LM 25 (Potassium Laureth-4 Carboxylate, » 60% a.m.): anionic character. Primary surfactant. Offers a soft and creamy foam, very stable and with special texture. Very mild and easy to thicken surfactant. Specially designed for sulfate-free formulations.

AMIDET® N (PEG-4 Rapeseedamide, » 95% a.m.): non-ionic character. Nitroso-amines free thickener. It increases the foam volume and improves the quality of it. It reduces the irritation potential of the anionic surfactants on the skin. Multi-functional agent.

BETADET® SHR (Cocamidopropyl Hydroxysultaine, » 44% a.m.): amphoteric character. Very mild co-surfactant. It decreases the irritation level of anionic surfactants, improving the quality of the foam and performing also as a thickener.

DANOX® HC-30 (surfactant blend, 100% a.m., » 33% cationic a.m.): cationic and non-ionic character. It's based on a synergistic combination of cationic surfactants and fatty alcohol that allows single-step formulation providing an excellent performance in hair conditioning formulations. It provides smoothness and anti-static properties to the hair. Environmentally friendly cationic blend.

EMAL® 10G-3 (Sodium Lauryl Sulfate, » 95% a.m.): anionic character. Primary surfactant, highly foaming. Good detergent properties. Commercial appearance in non-dust granule.

KAO SOFCARE® GP-1 (PPG-3 Caprylyl Ether, » 100% a.m.): non-ionic character. Clear transparent liquid at room temperature. Multi-functional conditioning agent that imparts similar characteristics to those of silicones, such as feel and functionality. It improves foam generation and hair shine.

The information and recommendations in this publication are to the best of our knowledge reliable. However, nothing herein is to be construed as a warranty or representation. Users should make their own tests to determine the applicability of such information or the suitability of any products for their own particular purpose.

Statements concerning the use of the products described herein are not to be construed as recommending the infringement of any patent and no liability for infringement arising out of any such use is assumed.

Ref. C19009/SS-13

(Edited April 2020)



Enriching lives,
in harmony with nature.

www.kaochemicals-eu.com