

# C-212

# SHOWER OIL

## 40% OIL CONTENT

### GUIDELINE FORMULARY

#### DESCRIPTION

Provides creamy and consistent foam  
It contains 40% of oil

#### COMPOSITION

	%
EMANON® EV-E	23.3
AKYPO® RLM 45 CA	19.3
AMIDET® N	12.0
Castor Oil	30.0
Soybean Oil	9.0
Propylene Glycol	2.0
KAO Fragrance	q.s.
Preservative	q.s.
Sodium Hydroxide	q.s.
Deionized Water	Up to 100

#### TECHNICAL CHARACTERISTICS

#### Kao Method

APPEARANCE (20°C):	Clear yellowish liquid	KCSA-258
pH (as it is):	Approx. 6.5	KCSA-014
VISCOSITY BROOKFIELD (20°C, cP):	Liquid	KCSA-227
STABILITY TEST:	Correct	(1 month 40°C/RT/5°C)

## RECOMMENDED OPERATIVE METHOD

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Mix AKYPO® RLM 45 CA with Castor Oil and Soybean Oil, stir until complete homogenization. Add EMANON® EV-E, AMIDET® N and Propylene Glycol and stir well after each addition until a complete homogenization is obtained. Add preservative (soluble), fragrance (15 minutes of agitation are usually needed to solubilize it). Adjust pH to 6.5 with NaOH (50% solution).

## COMMENTS

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This formula incorporates 40% of oil, not being necessary to use cream after the shower. Using EMANON® EV-E, the foam remains high despite the presence of oil and the skin becomes smoother in comparison with other co-surfactants thanks to higher oil deposition.

## COMPONENTS

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**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.

**AKYPO® RLM 45 CA** (Laureth-6 Carboxylic acid, ≈ 95% a.m.): crypto-anionic character, it combines the properties of the anionic and non-ionic surfactants. Foaming co-surfactant, with solubilizing properties and very mild for the skin.

**EMANON® EV-E** (Glycereth-7 Caprylate/Caprata, ≈ 100% a.m.): non-ionic character. Vegetable based, liquid product. Excellent emulsifier and solubilizer for hydrophobic materials, with HLB ≈ 16. Suitable for both rinse-off and leave-on products in hair and body applications. Key ingredient to achieve high foamability and smooth feeling.

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.

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