

# Mom life beauty case

Formulation guidelines

# Lamberti Technologies for Personal Care.

Make Beauty Happen, Make Innovation Real.

Lamberti is a global manufacturer of chemical specialties focused on customers' needs. Thanks to its well-established Technological Platforms, Lamberti Personal Care is fully committed to target consumers' requirements with high-quality, performant ingredients. Each product within our portfolio is innovation-driven and designed to open new perspectives, supporting our customers in the development of the formulations of tomorrow. Our approach for Personal Care combines a very strong knowledge, built over decades, with a seamless search for new advanced solutions. Working alongside our customers, we help transforming experience into

groundbreaking raw materials, providing a unique tailor made service. This made our brands ESAFLOR®, VISCOLAM® and EUCAROL® appreciated and recognized worldwide.

All new developments supported by our R&D laboratories are committed towards sustainability and environmentally friendly chemistry, in compliance with regulatory requirements.

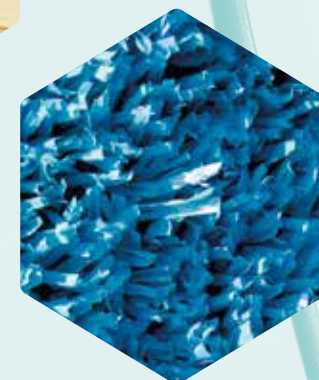
To better focus on formulation design Lamberti has integrated Kalichem, who has a well-recognized know-how in the world of cosmeceuticals and synergistic ingredients.



**OLEOCHEMICALS**



**NATURAL POLYMERS**



**SYNTHETIC POLYMERS**

## Products so mild and safe they could be used for the whole family.

These days people look very carefully at the products they use and at their ingredients. Sustainability, safety and quality are paramount. Themes such as “green”, natural and naturally-derived are just some of the claims that are sought-after, even bet-

ter if coupled with mildness and reassuring short ingredients’ lists. The pandemic has heightened these trends. People look even more into wellness and need some additional pampering and cuddling.

Mom life beauty case entails formulations suitable also **for adults, but so mild and safe they could even be used on a baby.** We take care of you, with products that can be used for the **whole family!** Ingredients selected with the care that only a mother would use.

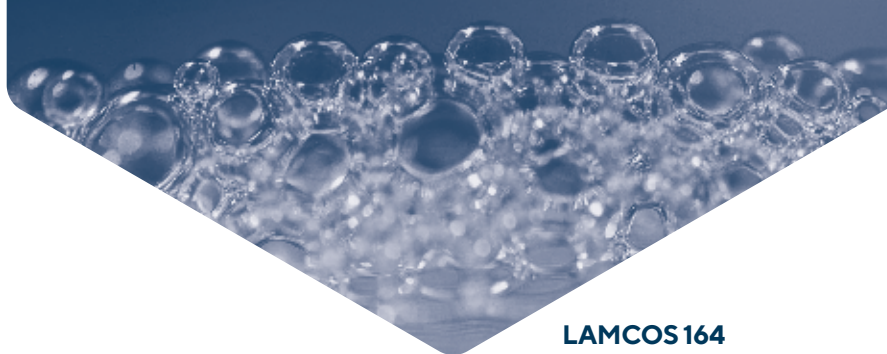
 **Esaflo**®

Naturally derived conditioners and rheology modifiers

 **Eucarol**®

Mild surfactants from sustainable origin





## Cuddling shower gel

A very gentle shower gel, formulated with natural surfactants and sustainable cationic guar. It grants a mild but efficient detergent action, combined with a light skin-conditioning effect.

ESAFLOR® PFT is a sustainable cationic derivative of natural guar gum, obtained through ESAFLOR® ZERO-X technology. Specifically developed for **transparent formulations**, ESAFLOR® PFT can be a valuable ingredient for skin cleansing products, providing formulators with a proper tool to achieve smooth conditioning and excellent skin-feel. In shower gels, liquid soaps and body washes, it ensures skin-conditioning performances, leaving the skin silky and soft. The addition of ESAFLOR® PFT in skin cleansing formulations can also help in reducing negative effects generally linked to harsh soaps and surfactants.

EUCAROL® AGL 35 MB is a **naturally derived**, mild anionic surfactant. It derives from L-Glutamic acid, an amino acid naturally present in human hair and skin, and natural fatty acids. It shows good foaming properties, especially at the skin pH, providing a very fine, mousse-like foam. It is manufactured and certified according to the RSPO's Mass Balance supply chain model.

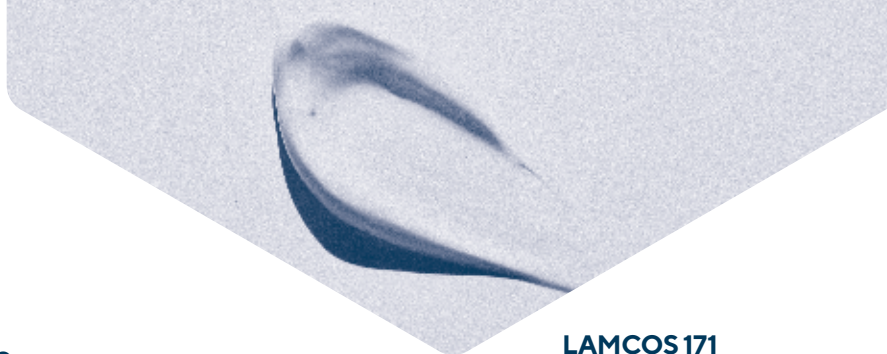
EUCAROL® AGE/EC MB delivers a soft foam with a fine and creamy texture. It is a  $\alpha$ -hydroxyacid derivative, from **renewable raw materials**, suitable for mild and natural formulations. It is manufactured and certified according to the RSPO's Mass Balance supply chain model. It is also compliant to COSMOS and NATRUE standards.

### LAMCOS 164

Phase	INCI name	Trade name	% w/w
<b>A</b>			
1	Aqua (Water)		to 100
2	Disodium EDTA		0.05
3	Disodium Cocoyl Glutamate	<b>EUCAROL® AGL 35 MB</b>	10.0
4	Decyl Glucoside (50% a.m.)		8.0
5	Disodium Coco-Glucoside Citrate	<b>EUCAROL® AGE/EC MB</b>	5.0
<b>B</b>			
1	Aqua (Water)		26.1
2	Hydroxypropyl Guar Hydroxypropyltrimonium Chloride	<b>ESAFLOR® PFT</b>	0.5
3	Citric acid, 20% soln.		to pH 5.5
<b>C</b>			
1	Glycerin		2.0
2	Xanthan Gum		0.3
<b>D</b>			
1	Parfum (Fragrance)		q.s.
2	Preservatives		q.s.
3	Citric Acid, 20% soln.		To pH 5.0

#### General characteristics:

Appearance: clear yellowish viscous liquid  
 pH: ~5.0  
 Viscosity (Brookfield RVT, 20rpm, 25°C): ~1200 mPas



## Pampering cleansing cream

A gentle cleansing cream, that combines mild cleansing and oils for a soft skin feel.

EUCAROL® AGL 35 MB is a naturally derived, mild anionic surfactant. It derives from L-Glutamic acid, an **amino acid** naturally present in human hair and skin, and natural fatty acids. It shows good foaming properties, especially at the skin pH, providing a very fine, mousse-like foam.

It is manufactured and certified according to the RSPO's Mass Balance supply chain model.

ESAFLOR® HM 22 is an effective rheology modifier, best suited for emulsions' stabilization. It is a non-ionic derivative of the **natural gum** obtained from the guar plant. Besides its unique rheology, it contributes towards a nice and soft skin feel.



### LAMCOS 171

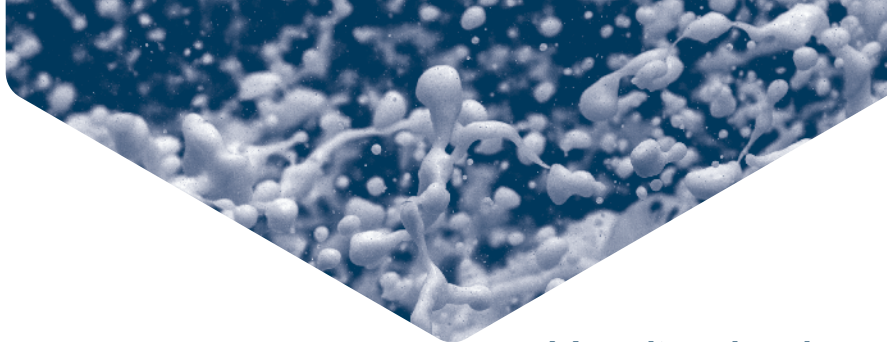
Phase	INCI name	Trade name	% w/w
<b>A</b>			
1	Aqua (Water)		To 100
2	Glycerin		6.0
3	C18-22 Hydroxyalkyl Hydroxypropyl Guar	<b>ESAFLOR® HM22</b>	0.5
4	Citric Acid, 20% soln.		To pH 5.5
<b>B</b>			
1	Cetearyl Alcohol		5.0
2	Disodium Cocoyl Glutamate	<b>EUCAROL® AGL 35 MB</b>	23.3
<b>C</b>			
1	Caprylic/Capric Triglycerides		3.0
2	Parfum (Fragrance)		q.s.
3	Preservatives		q.s.
4	Citric Acid, 20% soln.		To pH 5.0 – 5.5

#### General characteristics:

Appearance: white fluid emulsion

pH: 5.0 – 5.5

Viscosity (Brookfield RVT, 20 rpm, 25°C): ~3000 mPa\*s



## Baby foam-shampoo

Mild and EO-free cleansing formulation, suitable for baby hair. A very soft foam, with a fine and creamy texture, is created once the product is dispensed through a foamer.

EUCAROL® AGE/ET MB delivers a soft foam with a fine and creamy texture. It is a  $\alpha$ -hydroxyacid derivative, from renewable raw materials, suitable for **mild and natural formulations**. It is manufactured and certified according to the RSPO's Mass Balance supply chain model.

It is also compliant to COSMOS and NATRUE standards.

EUCAROL® AGL 35 MB is a naturally derived, mild anionic surfactant. It derives from L-Glutamic acid, an amino acid naturally present in human hair and skin, and natural fatty acids. It shows good foaming properties, especially at the skin pH, providing a very fine, **mousse-like foam**. It is manufactured and certified according to the RSPO's Mass Balance supply chain model.

### LAMCOS 170

Phase	INCI name	Trade name	% w/w
<b>A</b>			
1	Aqua (Water)		To 100
2	Disodium Coco-Glucoside Tartrate	<b>EUCAROL® AGE/ETMB</b>	15.0
3	Disodium Cocoyl Glutamate	<b>EUCAROL® AGL 35 MB</b>	10.0
4	Decyl Glucoside (50% a.m.)		4.0
5	Glycerin		2.0
6	Preservatives		q.s.
7	Parfum (Fragrance)		q.s.
8	Citric Acid, 20% soln.		To pH 5.0

#### General characteristics:

Appearance: clear yellowish liquid  
pH: ~ 5.0

## Nestling body wash

Masstige body wash, fully formulated with ingredients that comply with COSMOS standard.

EUCAROL® AGE C50 MB is a  $\alpha$ -hydroxyacid derivative in propylene glycol, **from renewable raw materials**, suitable for mild and natural formulations.

EUCAROL® AGE C50 MB is manufactured and certified according to the RSPO's Mass Balance supply chain model. EUCAROL® AGE C50 MB is fully based on renewable sources and thus compliant to COSMOS standard.

### LAMCOS 172

Phase	INCI name	Trade name	% w/w
<b>A</b>			
1	Aqua (Water)		To 100
2	Glycerin		3.0
3	Ammonium Lauryl Sulfate (30% a.m.)		33.5
4	Sodium Cocoamphoacetate (30% a.m.)		7.5
5	Disodium Coco-Glucoside Citrate, Propylene Glycol	<b>EUCAROL® AGE C50 MB</b>	7.5
6	Preservatives		q.s.
7	Parfum (Fragrance)		q.s.
8	Citric Acid, 20% soln.		To pH 5.0

#### General characteristics:

Appearance: clear yellowish viscous liquid  
pH: ~5.0  
Viscosity (Brookfield RVT, 20 rpm, 25°C): ~1500 mPa\*s

## Indulging micellar water

Mild micellar water, to provide an extremely gentle but effective cleansing action.

EUCAROL® AGE C50 MB is a  $\alpha$ -hydroxy-acid derivative in propylene glycol, from renewable raw materials, suitable for mild and natural formulations. EUCAROL® AGE C50 MB is manufactured and certified according to the RSPO's Mass Balance supply chain model. EUCAROL® AGE C50 MB is fully based on **renewable sources** and thus compliant to COSMOS standard.

STEROL CC/595 is an effective **super-fattening agent**, especially suited for rinse-off applications such as shampoos, shower and bath foams, liquid soaps and cleansing milks.

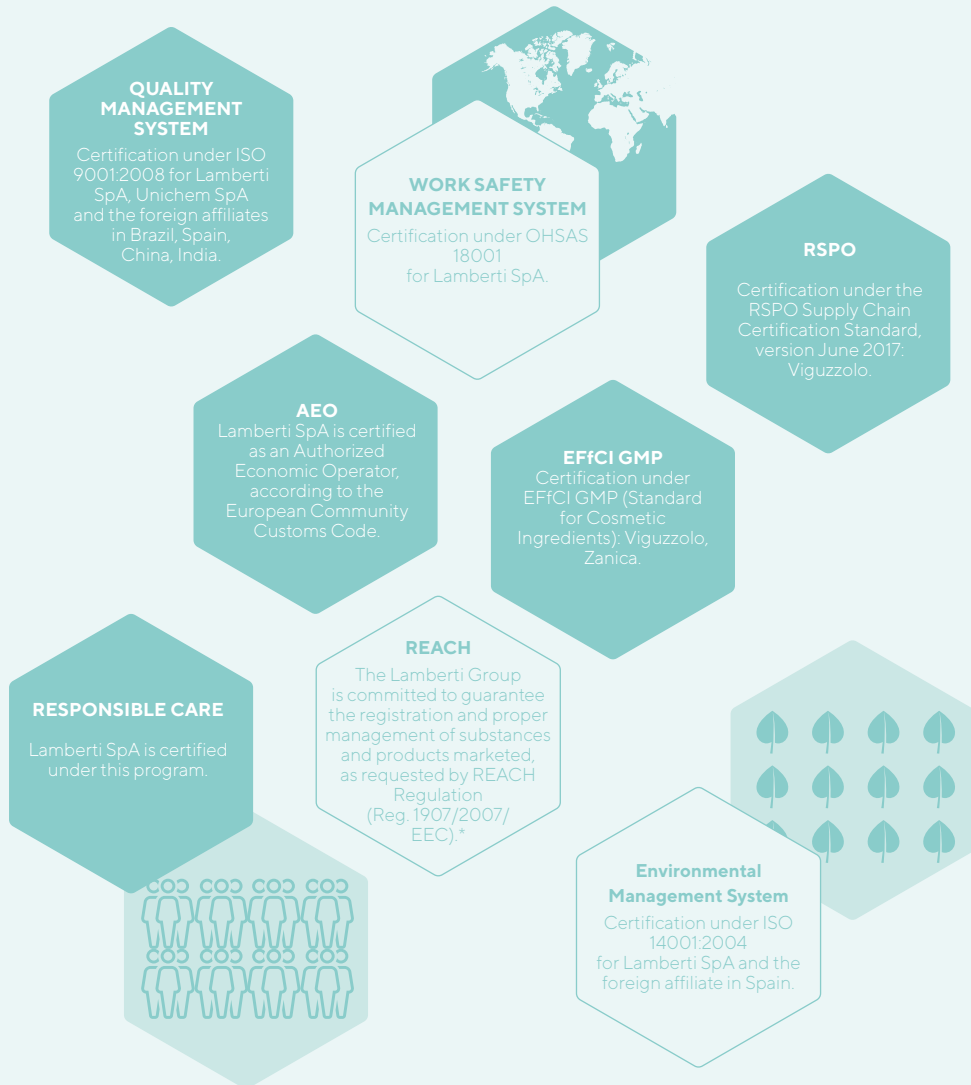
### LAMCOS 150

Phase	INCI name	Trade name	% w/w
<b>A</b>			
1	Aqua (Water)		to 100
2	Disodium EDTA		0.05
3	Glycerin		4.0
4	Disodium Coco-glucoside Citrate, Propylene Glycol	<b>EUCAROL® AGE C50 MB</b>	2.0
5	PEG-6 Caprylic/Capric Glycerides	<b>STEROL CC/595</b>	1.5
6	Camomilla Recutita Extract		0.2
7	Hydrolyzed Elastin		1.0
8	Preservatives		q.s.
9	Parfum (Fragrance)		q.s.
10	Citric Acid / Sodium Citrate ( <i>buffer solution</i> )		to pH 5.0

#### General characteristics:

Appearance: clear yellowish liquid  
pH: ~ 5.0

# Lamberti certification and more.







**For more information please contact:**

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