

# Natural solutions for Exfoliating Facial Lotions



Exfoliation is an effective procedure that removes the dead skin cells from the skin surface. Manufacturers of exfoliating facial lotions are looking for natural alternatives to meet consumers' demand who are increasingly concerned about the negative impact of synthetic ingredients.

Galactic's exfoliating facial lotion features: **Galicare™ PLA 150** (polylactic acid), a natural, bio-sourced, biocompatible and biodegradable polymer with an excellent exfoliating effect; and **Galacid™ Cosmetic 90**, a high-quality, natural L(+) lactic acid to control the pH of the formulation. The PLA is a natural alternative to harmful PE microbeads found in many beauty products that have been banned in several markets<sup>1</sup>. Lactic acid is an active, safe, multi-functional ingredient, naturally present in the body and skin, used for its exfoliation, moisturization, humectancy and skin-lightening properties.

## Advantages:

- Natural exfoliating ingredients
- Gentle scrub

## Process:

- Heat **Phase A** to 70-75° C and homogenize.
- Heat **Phase B** to 70-75° C and homogenize.
- Add **Phase B** to **Phase A** and homogenize for 2-3 minutes.
- Cool down whilst stirring to 45° C, add **Phase C** and homogenize again for 30 seconds.
- Allow to cool to room temperature whilst slowly agitating.

Phase	Ingredients	INCI	w/w %	Supplier
A	WATER	Aqua	66.00	
	GLYCERIN	Glycerin	3.00	ZSI
	PROTELAN GC	Sodium Cocoyl Glycinate	10.00	ZSI
	PROTELAN AGL 95	Sodium Lauroyl Glutamate	8.00	ZSI
	BLUE CI74180 0,5% SOLUTION	Aqua / CI74180	0.10	
	YELLOW CI19140 0,5% SOLUTION	Aqua / CI19140	0.10	
B	CETYLSTEARYL ALCOHOL 30/P	Cetearyl Alcohol	8.00	ZSI
	ZETEMULS B25	Ceteareth-25	1.00	ZSI
C	<b>GALACID™ COSMETIC 90</b>	<b>Lactic Acid</b>	<b>0.50</b>	<b>GALACTIC</b>
	FRAGRANCE	Parfum	0.25	
	<b>GALICARE™ PLA 150</b>	<b>Polylactic Acid</b>	<b>3.00</b>	<b>GALACTIC</b>

- pH: 6.9
- Viscosity: 23500cPs - BRK 64/20° C/20rpm, Torque 79%

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