



Glow Papain

healthy and radiant skin

Glow Papain is a cross-linked papain polymer that quickly improves the appearance of the skin and clearly highlights its beauty. Papain - is a proteolytic enzyme obtained from the milk and leaves of papaya. It has a keratolytic effect - it softens and dissolves dead epidermis cells. Thanks to this, the skin regenerates faster, remains smooth and radiant. Due to the presence of a cross-linking agent in its composition, Glow Papain has a high molecular weight, which means that it acts only on the surface, does not penetrate deep into the skin, does not affect its microbiome and does not change the pH. The addition of alginic acid salts has a stabilizing effect and minimizes the irritating effect of the enzyme. Compared to the effects of glycolic acid, its properties are less irritating to the skin and it has a more effective keratolytic effect than salicylic acid.

INCI

Aqua, Papain, Carbomer, 1,2-Hexanediol, Caprylyl Glycol, Algin

properties

- enzymatic, gently exfoliating dead skin
- brightening
- smoothing
- moisturizing
- evening out the skin tone

application

- recommended for use in products for daily care of the face, body and scalp: peeling, emulsions, ampoules, liquids, sera, gels, shampoos

advantages

- MOQ 1 kg
- Suitable for vegans and vegetarians
- ISO 16128 naturalness index close to 1
- Paraben-free
- No GMO

use

- recommended dosage 1-3%
- raw material added cold, at a temperature below 40°C
- pH of the product should be maintained between pH 4-8
- can be used in combination with non-ionic emulsifiers, combination with ionic emulsifiers should be avoided
- can be used with various thickeners: xanthan gum, cellulose gum, carbomers, acrylic copolymers
- can be combined with: esters, emollients, humectants and silicones

technical data

- cloudy, white liquid with a characteristic smell
- water-soluble
- pH 3.5 – 4.5
- store at a temperature of 2-8°C

indications

- dull skin that needs brightening and smoothing
- dry, dull skin
- keratinized, rough, aging skin
- skin prone to impurities
- skin with discolorations (post-acne, after exposure to the sun)

ENZYMATIC FACE PEELING

PHASE	TRADE NAME	%
A	Water	73,65
	Cheladrem- SP*	0,20
	Carbopol® Ultrez 21 polymer	0,50
	Glycerine	20,00
	Rheocare® XGN	0,40
B	Sodium hydroxide	0,25
	Glow Papain*	3,00
C	24 h Hyaluronat*	2,00
	Fragrance Composition	1,00

*Popławska Group

technology

1. Add the ingredients of phase A to the main container and mix until a mass without lumps of solid substances is obtained
2. Add the premix of the ingredients of phase B and mix until a smooth, uniform mass is obtained
3. In the auxiliary container, prepare a 10% solution of the ingredient of phase C and add to the main container, mix until smooth
4. Add the ingredients of phase D to the main container and emulsify