

Glycerin Crajiru extract

EPHYLA
Natural Active Design



Identity card

Family: Bignoniaceae

INCI name: Glycerin & Arrabidaea chica leaf extract

Composition: 1:20 (Arrabidaea chica leaf extract /Glycerin)

Renewable botanical origin: Leaf of Cultivated plants

Geographic origin: Amazonia

Color: pink

Form: light viscous liquid

Odor: neutral

Solubility: hydrosoluble



Formulation & Processing

- Dosage for cosmetic formulas : 1 to 3%
- **Glycerin Crajiru Extract** dissolves in the aqueous phase in emulsions in cold process, and , at the end of production, in hot emulsifying process.
- **Glycerin Crajiru Extract** also incorporated in the aqueous phase in shower gels, shampoos as well as lotions.

Properties

The crajiru is an uncommon plant from Amazonia with high anti-aging & purifying properties.

Thus the crajiru extract, rich in tannins and flavonoids, is particularly efficient for cleaning skin blemishes, eliminate pimples and dark spots.

The crajiru has other medicinal applications:

- being bactericidal, that is to say to prevent bacteria growth
- Photoprotection properties
- Wound healing properties (through the stimulation of fibroblast growth and collagen synthesis)

Storage conditions

Store in a cool , dry, well-ventilated, locked store room away from incompatible materials

«Antimicrobial potential of some plants extracts against Candida species» - HOFLING JFet Al. – Braz. J. Biol. Nov 2010 ; v.ol 70 n° 4.

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Formula : Purifying anti-age cream against pimples or blackheads

Phases	Provider	Designation	%
B	Ephyla	FRAMETIME CXG	4,5
A	Cargill	Gomme de Xanthane	0,25
B	Basf	Eumulgin SG	0,25
A	LV Lomas	Lactic acid	3
B	Ephyla	Desert date oil	15
B	Ephyla	HTR1	1
B	Cargill	Sunflower oil	10
B	Basf	Tocopherol mixed	0,2
A	Ephyla	Glycerin Crajiru Extract	2
B	Robertet	HE Tea tree	0,1
B	Robertet	Perfum White Flower	0,3
A		Preservatives	QS
A		Water	QSP
			pH 5,5

Protocole :

Cold process / At room temperature mix the B PHASE, then add the A phase with high shear system (3000 – 4000 rpm) during 4 minutes (Laboratory bench) 12 minutes for real production

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