

# UNCARYL

## ANCESTRAL KNOWLEDGE FOR MODERN USE

### INCI NAME:

PROPANEDIOL, AQUA, UNCARIA TOMENTOSA EXTRACT

### DOSE OF USE:

FROM 3 TO 5%

### SOLUBILITY:

HYDROSOLUBLE

### PRESERVATIVE:

PRESERVATIVE FREE

### COSMETIC USE:

- ✓ ANTI-INFLAMMATORY ACTION
- ✓ PROMOTES IMMUNE SYSTEM
- ✓ ANTI-OXIDANT EFFECT
- ✓ INHIBITION OF LIPASE LIPOPROTEIN

## DESCRIPTION

**UNCARYL** is a hydro soluble botanical extract obtained from select stem bark of tropical tree *Uncaria tomentosa* Wild ("Cat's claw") which grows in the Peruvian forest. This plant is a large, woody vine that derives its name from hook-like thorns that grow along the vine that resemble the claws of a cat.

It is a botanical active ingredient complex from Peruvian Rainforest ancient plants.

It contains concentrated plant extracts that have **anti-inflammatory, immunomodulatory, antioxidant, skin disorders relief, and cytoprotective properties.**

**UNCARYL** is an organic product. No additives used at the cultivated areas. 100% natural with **ECOCERT validation**

Today, there are over 50 components have been identified at Cat's Claw. Nevertheless, there are 7 main compounds which are responsible for the activity of Uncaryl:

- Alkaloids of oxindolic group
- Quinovic Acid (Glycosides)
- Polyhydroxylates Diterpenes
- Proanthocyanidins
- Catequines, Tannins and  $\beta$ -sitosterol

Some of the cosmetic actions of Uncaryl are such as: Antioxidant, acting against free-radicals, which will accelerate skin aging process, nutritive, regenerative, and it helps reducing acne problems.

## PROPERTIES

### Anti-inflammatory Action:

Effect of  $\beta$  sitosterol, stigmasterol and campesterol, well know by its anti-inflammatory actions

Effect of the new phyto-chemicals founded recently at this plant: Quinovic acid glycosides- reduction up to 33% inflammation

Suppression of transcriptors of inflammatory mediators

### Anti-Celulitis properties:

On adipocyte cultures, it inhibits the lipase lipoprotein (LPL). This enzyme breaks down large molecules of fat to facilitate their storage at the adipocytes.

### Anti-oxidant properties:

The phenolic compounds, like flavonoids, phenolic acid, diterpenes and tannins, are the main responsible for the high antioxidant activity of Uncaryl

Using the DPPH (1,1-Diphenyl-2-picrylhydrazyl) method it has been demonstrated the protective action of *Uncaria tomentosa* against the cyto-toxicity caused by UV radiation



	Uncaryl	Cereals	Broccoli	Blackberry	Horsetail	Echinacea
Total Content of Phenolic Compounds	292 mg/g	0.481- 0.896 mg/g	11.7 mg/g	23.1 mg/g	216 mg/g	62 mg/g

N a t u r a l l y E f f e c t i v e