

# COLAGENO 1%

**CHEMICAL NAME:** Natural soluble collagen

INCI name <sup>(1)</sup>	CAS number <sup>(1)</sup>	EINECS number <sup>(1)</sup>
Soluble Collagen	---	---
Aqua	7732-18-5	231-791-2
Lactic Acid	50-21-5 / 79-33-4	200-018-0 / 201-196-2
Sodium Benzoate	532-32-1	208-534-8
Potassium Sorbate	590-00-1/ 24634-61-5	246-376-1
Tetrasodium EDTA	64-02-8	200-573-9

(1) Reference: (<http://ec.europa.eu/consumers/cosmetics/cosing/index.cfm?fuseaction=search.simple>), CosIng, Europe.

INCI name <sup>(2)</sup>	CAS number <sup>(2)</sup>	EINECS number <sup>(2)</sup>
Soluble Collagen	--- INCI Monograph ID: 2964	---
Water	7732-18-5	231-791-2
Lactic Acid	50-21-5 / 79-33-4	200-018-0 / 201-196-2
Sodium Benzoate	532-32-1	208-534-8
Potassium Sorbate	590-00-1/ 24634-61-5	246-376-1
Tetrasodium EDTA	64-02-8	200-573-9

(2) Reference: Personal Care Products Council. Available at: <https://incipedia.personalcarecouncil.org/winci/ingredient-custom-search/>, USA.

## PROPERTIES

Humectant, hydrating, conditioning, restorative, film-forming, smoothing.

## SUGGESTED DOSAGES

Face and body care formulations: from 1.0 to 8.0%.

Hair treatment formulations: from 1.0 to 3.0%.

## SPECIFICATION

Appearance (25°C)	: Opalescent viscous fluid
Color	: Colorless to pale beige
pH 100% (25°C)	: 3.6 – 4.0
Bacteria	: Max. 100 col/g
Moulds	: Max. 100 col/g

## OTHER AVAILABLE DATA

Odour	: Soft, characteristic
Dry residue (105°C)	: 1.1 / 100.0 %
Solubility	: Soluble in water and propylene glycol.
Viscosity (25°C)	: Around 1300 cPs (spindle 2, velocity 12, stabilized)

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Identification : Positive to Biuret reagent (develops violet color)  
Preservation : Potassium sorbate (0.2%) and sodium benzoate (0.1%)

## INCOMPATIBILITY

SOLUBLE COLLAGEN 1% shall not be processed with formaldehyde, tannin, urea, formamide and guanidine. It is not recommended to utilize emulsifiers that present alkaline reactions. Stearate and triethanolamine should also be avoided since they produce instable emulsions.

## STORAGE

Store dry and tightly closed, protected from light and heat (under 35°C).

## SHELF LIFE

Twenty-four (24) months from manufacturing date in the original closed packaging.

Obs.: During storage precipitation may occur, but this will not invalidate the product.

## REFERENCES

- 1) Site CosIng, Europe  
(<http://ec.europa.eu/consumers/cosmetics/cosing/index.cfm?fuseaction=search.simple>)
- 2) Personal Care Products Council; *Online International Cosmetic Ingredient Dictionary & Handbook (WINCI)*; Copyright© 2008 Personal Care Products Council. Available at:  
<<https://incipedia.personalcarecouncil.org/winci/ingredient-custom-search/>>, USA. Accessed in:  
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