

COMPLEXO BIO RESTORE SP

CHEMICAL NAME: Association of bioactive.

INCI name ⁽¹⁾	CAS number ⁽¹⁾	EINECS number ⁽¹⁾
Carbocysteine	638-23-3	211-327-5
Polyquaternium-10	81859-24-7/ 53568-66-4/ 54351-50-7/ 55353-19-0/ 68610-92-4	617-262-2 / 611-015-2 / 614-667-6
Aqua	7732-18-5	231-791-2
Hydrolyzed Wheat Protein (*)	94350-06-8/ 222400-28-4/ 70084-87-6/ 100209- 50-5	305-225-0 / 309-358-5
Methicone (*)	9004-73-3	-
Potassium sorbate	24634-61-5 / 590-00-1	246-376-1
Sodium benzoate	532-32-1	208-534-8

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

INCI name ⁽²⁾	CAS number ⁽²⁾	EINECS number ⁽²⁾
Carbocysteine	638-23-3	211-327-5
Polyquaternium-10	81859-24-7/ 53568-66-4/ 54351-50-7/ 55353-19-0/ 68610-92-4	617-262-2 / 611-015-2 / 614-667-6
Water	7732-18-5	231-791-2
Hydrolyzed Wheat Protein (*)	94350-06-8/ 222400-28-4/ 70084-87-6/ 100209- 50-5	305-225-0 / 309-358-5
Methicone (*)	9004-73-3	-
Potassium sorbate	24634-61-5 / 590-00-1	246-376-1
Sodium benzoate	532-32-1	208-534-8

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

(*) Alternative INCI Name:

INCI name ^{(1) & (2)}	CAS number ^{(1) & (2)}	EINECS number ^{(1) & (2)}
Carbocysteine	638-23-3	211-327-5
Polyquaternium-10	81859-24-7/ 53568-66-4/ 54351-50-7/ 55353-19-0/ 68610-92-4	617-262-2 / 611-015-2 / 614-667-6
Aqua / Water	7732-18-5	231-791-2
Hydrolyzed Wheat Protein PG-Propyl Silanetriol	81859-24-7/ 53568-66-4/ 54351-50-7/ 55353-19-0/ 68610-92-4/ 81859-24-7 (and) 94350-06-8/ 222400-28-4/ 70084-87-6/ 100209- 50-5	-
Potassium sorbate	24634-61-5 / 590-00-1	246-376-1
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(1) Reference CosIng: (<http://ec.europa.eu/consumers/cosmetics/cosing/index.cfm?fuseaction=search.simple>), Europe.

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SPECIFICATION

Appearance (25°C)	: Slightly opalescent liquid
Color	: Yellow to orange
Density	: 1.050 – 1.090 g/ml
Refractive Index (25°C)	: 1.360 – 1.400
pH 100% (25°C)	: 3.00 – 4.50
Moluds	: Max. 100 col/g
Bacteria	: Max. 100 col/g

PROPERTIES

COMPLEXO BIO RESTORE SP is the combination of hydrolyzed wheat protein, methicone, polyquaternium-10 and carbocysteine.

Hydrolyzed wheat protein is obtained from the hydrolysis of wheat gluten, resulting in a water-soluble product, which is a source of amino acids.

Methicone is a silicon-based polymer.

Polyquaternium-10 is a cellulose-based cationic polymer.

Carbocysteine is obtained from the derivatization of the amino acid cysteine.

BENEFITS

COMPLEXO BIO RESTORE SP is an exclusive complex, which combines carbocysteine (form biofunctionalized amino acid cysteine) to a concentrate of functionalized monomers of organosilicon stabilized with wheat protein polypeptides. This combination has high affinity for keratin functions and the ability to protect and repair damaged hair fiber and restore the shiny, soft, and healthy appearance of your hair.

COMPLEXO BIO RESTORE SP provides strength and resistance to weakened hair, maintaining the intensity of color of dyed strands after consecutive washes and adds shine to the hair.

COMPLEXO BIO RESTORE SP maintains the integrity of the thread and reduces the rubberizing effect, caused by the discoloration process.

APPLICATION

Hair care: shampoos, conditioners, masks, finishers for treatment home or professional use, anti-rubber effect on bleached hair and hair coloring.

RECOMMENDATION FOR USE

0.1 to 0.4 %

Up to 2.0 % for anti-rubber effect in hair

STORAGE

COMPLEXO BIO RESTORE SP should be stored in covered area, protected from light, at room temperature and in its original closed packing.

SHELF LIFE

Two-teen (12) months from manufacturing date.

REFERENCES

1. CosIng. Available at: (<https://ec.europa.eu/growth/tools-databases/cosing/index.cfm?fuseaction=search.simple>). Europe.
2. Personal Care Products Council (PCPC), Committed to Safety Quality & Innovation. Available at: (<https://incipedia.personalcarecouncil.org/winci/ingredient-custom-search/>), USA.
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