



BIOGRÜNDL, S.L.  
POLÍGONO LES FALLULLES, NAVE 34 -SECTOR 2-  
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## TECHNICAL DATA SHEET

### COCONUT WATER / A / HP / CA11 /



**Trade Name:** COCONUT WATER / A / HP / CA11 /  
**Product Code:** ACOCOAHPC11.  
**INCI Name:** AQUA, COCOS NUCIFERA OIL, POLYGLYCERYL-6 CAPRYLATE, POLYGLYCERYL-4 CAPRATE, POTASSIUM SORBATE.  
**INCI Status:** Conforms.  
**REACH Status:** Low Volume Exemption.  
**CAS Number:** 7732-18-5; 8001-31-8; 108777-93-1; 74504-65-7; 24634-61-5 / 590-00-1.  
**EC Number:** 231-791-2; 232-282-8; Not available; Not available; 246-376-1.  
**Origin:** **COSY NUCIFERA OIL, POLYGLYCERYL- 6 CAPRYLATE, POLYGLYCERYL-4 CAPRATE:** Vegetable origin.  
**POTASSIUM SORBATE:** Synthetic origin.  
**Processing:** GMO Free. / No Ethoxylation. / No Irradiation. / No Sulphonation. / No BSE/TSE. / No CMR. / No SVHC. / No Nanomaterial. / No DEG. / No DEHP. / No Formaldehyde. / No Phthalates. /  
**Additives:** Preservatives: Potassium sorbate. Paraben Free. / Antioxidants: None. / Other additives: None.  
**Solvents Used:** Water, polyglyceryl – 6 caprylate and polyglyceryl – 4 caprate.  
**Appearance:** Clear liquid.  
**Colour:** Characteristic (colourless to yellowish).  
**Odour:** Characteristic.  
**Specific gravity:** 0,990 – 1,010 g/cm<sup>3</sup> (20°C approx.).  
**Direct pH value:** 4,5 - 6,5 (20°C approx.).  
**Soluble/ Miscible:** Water. Surfactants. Hydroalcoholic, hydroglyceric and hydroglycolic mixtures.  
**Ecological Information:** Sustainable.  
**Microbial Count:** **Total aerobics:** Max. 300 microorganisms / gram.  
**Fungi and yeasts:** Max. 200 microorganisms / gram.  
**Pathogens:** Total absence in 1 gram.  
**Suggested Use Levels:** 5,0 – 100,0%.  
**Suggested Applications:** Sunscreen preparations. Protective and anti-wrinkle emulsions. Sport or functional massages. Shampoos and treatment for dry hair.  
**Properties:** Emollient, lubricant, re-greasing, protective, sedative, soothing and nutritive.  
**Industrial packing:** 1Kg., 5Kg., 25Kg., 200Kg.  
**Storage conditions:** It is very important to keep the product in well closed containers, away from direct sunlight at temperatures not over 15°C. In case of not having refrigerators, store the product in the coolest and free from artificial light area.  
**Bibliography:** - Atlas Ilustrado de Plantas Medicinales y Curativas, Ed. Susaeta.  
- Dumont's grosse Kräuter Enzyklopädie.  
- Fitocosméticos ALVAREZ CRUZ i BAGUE SERRANO.  
- Gran enciclopedia de las plantas medicinales, BERDONCES i SERRA.  
- Plantas medicinales, FONT i QUER.  
- Proserpio G., Martelli A., Patri GF.; Elementi di Fitocosmeci; Ed. Sepem / Milano 1983.  
- Websites.



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### OVERVIEW

COCONUT WATER by BIOGRÜNDL, S.L. is obtained by steam distillation of the fruit endosperm (copra) of the coconut tree (*Cocos nucifera* L.). Belonging to the Palmaceae family.

With the above mentioned method it is possible to drag, in addition to lipids (mainly triglycerides of lauric and myristic acids), other important components, such as proteins and carbohydrates, as well as, trace elements, vitamins and enzymes.

### USE AND DOSAGE

The cosmetic application of coconut water is justified by its emollient, lubricating, re-greasing, protective, sedative, soothing and nourishing properties. That is why its use is recommended in sunscreen preparations, protective and anti-wrinkle creams, sports or functional massage products, as well as, in shampoos and treatments for dry hair.

If turbidity is observed, it is advisable to previously dissolve the product in a portion of the water provided to manufacture the final product and filter after 12-24 hours.

The recommended concentrations of use are between 5% and 100%.

### PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear liquid.

**Colour:** Characteristic (colourless to yellowish).

**Odour:** Characteristic.

**Direct pH value:** 4,5 - 6,5 (20°C approx.).

**Specific gravity:** 0,990 - 1,010 g/cm<sup>3</sup> (20°C approx.).

**Solubility in water:** Fully soluble (20°C approx.).

**Solubility in other solvents:** Insoluble in organic solvents and lipids. Soluble in surfactants, hydroalcoholic, hydroglyceric and hydroglycolic mixtures.

**Heavy metals:** No more than 5 mg/Kg.

**Sulfated ash:** No more than 0,01%.

**Chlorides:** No more than 0,007%.

**Sulfates:** No more than 0,002%.

**Other information:** None.

**Total aerobics:** Max. 300 microorganisms / gram.

**Fungi and yeasts:** Max. 200 microorganisms / gram.

**Pathogens:** Total absence in 1 gram.



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### **DERMATOLOGY INNOCUOUSNESS**

It was performed by the patch test (Patch test) on 10 volunteers. 0,5 g. of COCONUT WATER by BIOGRÜNDL, S.L. is poured over the patch and attached on the forearm. It is thus maintained for 24, 48 and 72 hours, after which, evaluates the given reaction, according to the following table of values:

1. No erythema.
2. Slight erythema.
3. Well defined erythema.
4. Severe erythema.

The result was absence of erythema on the 10 volunteers.

On the recommended concentrations, the product is skin innocuous.

### **STORAGE CONDITIONS**

It is very important to keep the product in well closed containers, away from direct sunlight at temperatures not over 15°C. In case of not having refrigerators, store the product in the coolest and free from artificial light area.

### **INCI DENOMINATION**

AQUA, COCOS NUCIFERA OIL, POLYGLYCERYL-6 CAPRYLATE,  
POLYGLYCERYL-4 CAPRATE, POTASSIUM SORBATE.