



BIOGRÜNDL, S.L.  
POLÍGONO LES FALLULLES, NAVE 34 -SECTOR 2-  
08620 SANT VICENÇ DELS HORTS, BARCELONA (SPAIN)  
PHONE: +34 93 660 55 12 / FAX: +34 93 660 55 13  
www.biogrundl.es  
info@biogrundl.es

## TECHNICAL DATA SHEET

### **SAGE WATER** **/ A / HA / CA11 /**



**Trade Name:** SAGE WATER / A / HA / CA11 /.

**Product Code:** ASALVIACA11.

**INCI Name:** AQUA, SALVIA OFFICINALIS FLOWER/LEAF/STEM WATER, POTASSIUM SORBATE, ISOPROPYL ALCOHOL.

**INCI Status:** Conforms.

**REACH Status:** Low Volume Exemption.

**CAS Number:** 7732-18-5; 84082-79-1; 24634-61-5 / 590-00-1; 67-63-0.

**EC Number:** 231-791-2; 282-025-9; 246-376-1; 200-661-7.

**Origin:** SALVIA OFFICINALIS FLOWER/LEAF/STEM WATER: Vegetable origin.

**POTASSIUM SORBATE, ISOPROPYL ALCOHOL:** 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 and isopropyl alcohol.

**Appearance:** Clear liquid.

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

**Odour:** Characteristic.

**Specific gravity:** 0,970 – 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:** Anti-acne and female breast development preparations. Greasy, impure and irritated skin treatment. Deodorants, antiperspirants, dentifrices and oral waters.

**Properties:** Antiseptic, healing, toning, anti-inflammatory, estrogenic and deodorant.

**Industrial packing:** 1Kg., 5Kg., 25Kg.

**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.

- Fitocosmeticos 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.



BIOGRÜNDL, S.L.  
POLÍGONO LES FALLULLES, NAVE 34 -SECTOR 2-  
08620 SANT VICENÇ DELS HORTS, BARCELONA (SPAIN)  
PHONE: +34 93 660 55 12 / FAX: +34 93 660 55 13  
www.biogrundl.es  
info@biogrundl.es

---

## TECHNICAL DATA SHEET

### **OVERVIEW**

Sage (*Salvia officinalis* L.) is a small perennial shrub belonging to Labiatae family, with greyish-green leaves and large blue-violet flowers.

As active ingredients of the plant, the following should be noted:

- Essential oil, whose main components are pinene, camphor, cineol, Borneol and bornyl acetate.
- Triterpenic compounds, ursolic and oleanoic acids.
- Catequic tannins.
- Phenolic acids, labiatic, rosmarinic, caffeic and chlorogenic.
- Flavonoids, luteolin and salvagenin.
- Vitamins B, C and P.
- Estrogenic substances.
- Phytosterols.

SAGE WATER by BIOGRÜNDL, S.L. is obtained by steam distillation of leaves and flowering tops.

### **USE AND DOSAGE**

The application in cosmetics of sage water is justified by its antiseptic, healing, toning, anti-inflammatory, estrogenic and deodorant properties.

It has use in anti-acne and in female breast development preparations. Also, to treat greasy, impure and irritated skin. It is, also, advisable to include it in deodorants, antiperspirants, dentifrices and oral waters.

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%.



BIOGRÜNDL, S.L.  
POLÍGONO LES FALLULLES, NAVE 34 -SECTOR 2-  
08620 SANT VICENÇ DELS HORTS, BARCELONA (SPAIN)  
PHONE: +34 93 660 55 12 / FAX: +34 93 660 55 13  
www.biogrundl.es  
info@biogrundl.es

---

## TECHNICAL DATA SHEET

### **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:** 0,970 - 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.

### **DERMATOLOGY INNOCUOUSNESS**

It was performed by the patch test (Patch test) on 10 volunteers. 0,5 g. of SAGE 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.



BIOGRÜNDL, S.L.  
POLÍGONO LES FALLULLES, NAVE 34 -SECTOR 2-  
08620 SANT VICENÇ DELS HORTS, BARCELONA (SPAIN)  
PHONE: +34 93 660 55 12 / FAX: +34 93 660 55 13  
[www.biogrundl.es](http://www.biogrundl.es)  
[info@biogrundl.es](mailto:info@biogrundl.es)

---

## TECHNICAL DATA SHEET

### **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, SALVIA OFFICINALIS FLOWER/LEAF/STEM WATER, POTASSIUM SORBATE, ISOPROPYL ALCOHOL.