



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

CHAMOMILE WATER / A / HA / CA11 /



Trade Name: CHAMOMILE WATER / A / HA / CA11 /

Product Code: AMANZAACA11.

INCI Name: AQUA, CHAMOMILLA RECUTITA FLOWER WATER, POTASSIUM SORBATE, ISOPROPYL ALCOHOL.

INCI Status: Conforms.

REACH Status: Low Volume Exemption.

CAS Number: 7732-18-5; 84082-60-0; 24634-61-5 / 590-00-1; 67-63-0.

EC Number: 231-791-2; 282-006-5; 246-376-1; 200-661-7.

Origin: **CHAMOMILLA RECUTITA FLOWER 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/cm³ (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: Sedative, desensitizing, emollient, healing, antiallergic and antiphlogistic preparations.

Properties: Sedative, desensitizing, emollient, healing, antiallergic and antiphlogistic.

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.

- 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.



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

CHAMOMILE WATER by BIOGRÜNDL, S.L., is obtained by steam distillation of chamomile flowers (*Chamomilla recutita*), dragging its volatile components, among which includes hydrocarbons and sesquiterpene alcohols, bicyclic and tricyclic alcohols, as well as, azulene which consists of two rings, one with seven carbon atoms and, the other, with five carbon atoms.

USE AND DOSAGE

The incorporation of chamomile extract in cosmetics is justified by its sedative, desensitizing, emollient, healing, antiallergic and antiphlogistic properties.

CHAMOMILE WATER by BIOGRÜNDL, S.L. is used in sedative, desensitizing, emollient, healing, antiallergic and antiphlogistic preparations.

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: 0,970 - 1,010 g/cm³ (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.



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

DERMATOLOGY INNOCUOUSNESS

It was performed by the patch test (Patch test) on 10 volunteers. 0,5 g. of CHAMOMILE 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, CHAMOMILLA RECUTITA FLOWER WATER, POTASSIUM SORBATE,
ISOPROPYL ALCOHOL.