

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

### DAMASK ROSE EXTRACT / CEC / HGL / CA11 /



**Trade Name:** DAMASK ROSE EXTRACT / CEC / HGL / CA11 /  
**Product Code:** CERDCHGLC11.  
**INCI Name:** AQUA, GLYCERIN, ROSA DAMASCENA FLOWER EXTRACT, POTASSIUM SORBATE.  
**INCI Status:** Conforms.  
**REACH Status:** Low Volume Exemption.  
**CAS Number:** 7732-18-5; 56-81-5; 90106-38-0; 24634-61-5/ 590-00-1.  
**EC Number:** 231-791-2; 200-289-5; 290-260-3; 246-376-1.  
**Origin:** **GLYCERIN:** Vegetable origin.  
**ROSA DAMASCENA FLOWER EXTRACT:** 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 and glycerin.

**Appearance:** Clear or slightly opalescent liquid.

**Colour:** Characteristic (yellowish to deep brown).

**Odour:** Characteristic.

**Specific gravity:** 1,050 - 1,300 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:** 2,0 – 10,0%.

**Suggested Applications:** Toning, refreshing, decongestant, moisturizing and astringent preparations. Sensitive skin products.

**Properties:** Toning, refreshing, decongestant, moisturizing and astringent.

**Industrial packing:** 1Kg., 5Kg., 25Kg., 225Kg.

**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.

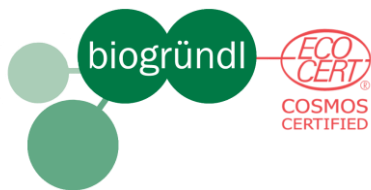
- Fitocosmeticos ALVAREZ CRUZ i BAGUE SERRANO.

- Gran enciclopedia de las plantas medicinales, BERDONCES i SERRA.

- Plantas medicinales, FONT i QUER.

- Proserpio G., Martelli A., Patri GF.; Elementi di Fitocosmece; Ed. Sepem / Milano 1983.

- Websites.



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### OVERVIEW

DAMASK ROSE EXTRACT by BIOGRÜNDL, S.L. is obtained from petals of the rose (*Rosa damascena*) of the ecological agriculture plant, with what its components, including nerol, geraniol, beryl acetate, farnesol, lilial hidroxycitronelol, benzyl acetate, hydrocarbons and sesquiterpenic alcohols are dragged.

### USE AND DOSAGE

The incorporation in cosmetics of damask rose extract is justified by its toning, refreshing, decongestant, moisturizing and astringent properties.

It is used in toning, refreshing, decongestant, moisturizing and astringent preparations. Also, it is highly recommended in sensitive skin products.

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 2% and 10%.

### PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear or slightly opalescent liquid.

**Colour:** Characteristic (yellowish to deep brown).

**Odour:** Characteristic.

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

**Specific gravity:** 1,050 - 1,300 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%.

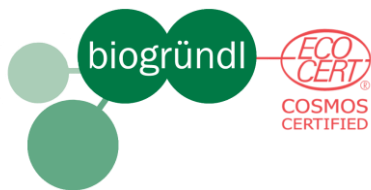
**Sulfates:** No more than 0,002%.

**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. To this purpose, 10% DAMASK ROSE EXTRACT by BIOGRÜNDL, S.L., was added to an OW emulsion; 0,5g. of this emulsion was poured over the patch and attached on the forearm. It is thus maintained for 24, 48 and 72 hours, after which, the given reaction was evaluated, 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, GLYCERIN, ROSA DAMASCENA FLOWER EXTRACT, POTASSIUM SORBATE.