

## Gel

### Soothing Aloe Vera Gel

#### Ingredients

Phase	%w/w input	Ingredient
A	80.30	Water
A	10.00	Aloe vera - organic - reconstituted 200X
A	0.50	Allantoin
A	2.00	Chamomile extract - glycerin
B	3.00	Propanediol
B	0.25	Carbomer (Carbomer 980)
C	3.00	Polysorbate 20 (Liposorb L-20)
C	0.10	Marula oil
C	0.10	Chamomile Roman (Anthemis nobilis) flower essential oil
C	0.05	Tocopherols - mixed
C	0.70	Benzyl Alcohol, Salicylic Acid, Glycerin, Sorbic Acid (Geogard ECT)
	q.s.	pH Adjuster

#### Method

1. Combine ingredients in phase A under low shear until homogenously mixed.
2. Add humectant to phase A and stir through. Add polymer and stir under low shear until polymer is homogenous throughout the water phase - the gel won't form yet but the polymer should be evenly dispersed (not clumps or fully dissolved) before continuing.
3. Combine materials in phase C. Add slowly to phase A/B under low shear. Stir until homogenous.
4. Check/adjust pH to 5.8 - 6.3. Cover and leave overnight. Give product a stir the next day to ensure gel is evenly formed before pouring off.



Just pick ingredients you want.  
This program will make formulas for you!

<https://createcosmeticformulas.com>

**Disclaimer:** This formula and method has been developed based on the theoretical selection of listed ingredients; all costs associated with producing a sample of this product is the user's responsibility including any reworks or fails. IPCS recommends a 100g lab scale sample be made and pilot production prior to full scale production.

Please refer to supplier Safety Data Sheets (SDS/MSDS) to ensure safe handling of all raw materials. IPCS holds no responsibility for inappropriate use of materials selected, the formulation or method, in part or as a whole.

It is a condition of use of this formula and method that the user holds full responsibility for ensuring safe and correct use and storage of any materials they source and use, as well as ensuring compliance with local regulations and 'clean product preparation' steps are followed when producing samples, especially for use by others. Evaluations of the safety, stability and suitability of this formula, method and finished product are the sole responsibility of the user.

The information provided on this site is of a theoretical and general nature and does not represent brand or product specific advice. IPCS shall not be responsible for any damages resulting from use of or reliance on this information.

INCI names provided on this site are used as a guide to assist with selections and product descriptions. Users will need to source and check full material information from their suppliers and prepare compliant ingredient lists specific to the materials they actually use.