

Labeling information

INCI name(s)

Chitosan Glycolate

Registrations

Ingredient	CASR-No.	EINECS/ELINCS-No.
	9012-76-4	-
	79-14-1	201-180-5
	122-99-6	204-589-7
	99-76-3	202-785-7
	94-26-8	202-318-7
	120-47-8	204-399-4
	94-13-3	202-307-7

Officially listed in / Quality conforms to

JCIC:	Chitosan (Ingredient Code: 523078-42)
	Glycolic Acid (Ingredient Code: 504117-42)
	Purified Water (Ingredient Code 001370-41)

Product properties

Appearance

HYDAGEN® CMF is a clear viscous, colourless to light yellow solution of 1% Chitosan in 0.4 % glycolic acid solution.

Example of use

Hydagen® CMF is a high molecular Biopolymer of marine origin and has excellent film-forming properties for Skin Care. Formulations with Hydagen® CMF should be adjusted to a pH value of <6.0 as the product is only soluble in the acidic pH range. Hydagen® CMF is not sensitive regarding high temperatures and can be added before the emulsification to the hot water phase. The product is incompatible with all anionic combinations and limited with systems which have to be neutralized with alkali.

Characteristic values

The specifications stated in the paragraphs 'Quality control data' and 'Additional product descriptive data' finally and conclusively describe the properties of the Product.

Quality control data

(Data which is used for quality release and is certified for each batch.)

Appearance	conforms to standard	
Odour	conforms to standard	
Dry substance	min. 1,4%	DGF G-III 1 mod.
pH value	4.0 - 5.0	DGF H-III 1 mod.

Additional product descriptive data

(Data which is proven statistically but not determined regularly.)

Deacetylation degree	min. 80 %
Total nitrogen content	0.07 - 0.10 %

Storage and transportation

When stored in unopened original packaging in a dry room at temperatures of less than 30°C, Hydagen® CMF remains stable for at least 12 months.

Hydagen® CMF is preserved with 0,35% Phenonip.

Revision-No. 4-06.2001

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Suggestions for processing and use of our products as well as possible formulation suggestions are provided noncommittally in accordance with our knowledge and information. They do not discharge our customers from testing the products on suitability for processes and purposes they are destined for. We are only liable for a damage caused intentionally or by gross negligence. However, we are under no circumstances liable for consequential damage. Each processor is liable for the compliance of all legal regulations, including patent legislation.

Cognis does not guarantee the suitability of a product for a user-specific purpose.

