

NOURISHING FACIAL MASK

with Actigum™ CS 11 QD I



Our nourishing face sheet mask has been created with 0.5% of **Actigum™ CS11 QD I**, a scleroglucan texturizer, that is obtained through biofermentation.

Actigum™ CS11 QD I is responsible for the right viscosity for the serum of the facial sheet mask, of 1000 – 1500 mPa.s. It ensures that the facial sheet mask nicely sticks to the face and leaves a great sensorial feeling.

Phase	Trade Name	INCI	Supplier	%WT
A	Demineralized water	Aqua	Cargill	79.89
	Actigum™ CS 11 QD I	Sclerotium Gum	Cargill	0.50
	Symsave™ H	Hydroxyacetophenone	Symrise	0.50
	1.3-BG	Butylene Glycol		9.00
	Glycerin	Glycerin	Cargill	5.00
B	Dipotassium glycyrrhizate	Dipotassium glycyrrhizate		0.05
	Allantoin	Allantoin	Ashland	0.20
	Hydrolite™ 6 O	1,2-Hexanediol	Symrise	0.50
	Zerose™ Erythritol B STD Gran	Erythritol	Cargill	2.00
	EDTA2Na (5% sol)	Disodium EDTA		1.00
C	1.3-BG	Butylene Glycol		1.00
	Eumulgin™ CO 40	PEG-40 Hydrogenated castor oil	BASF	0.30
	Pink blossoms 841613	Fragrance	Symrise	0.05
D	Sodium hydroxide (10% sol)	Sodium hydroxide		0.01

CHARACTERISTICS

- **pH:** 5.6-6.0
- **Viscosity:** 1000 - 1500 mPa.s
- **Appearance:** Haze hydrogel
- **Stability:** passed 2 months stability at RT & T45°C

PROCESS

1. Add water into tank, add Actigum™ CS11QDI with stirring 300rpm, for one minute, then homogenize at 9000rpm for 10minutes.
2. Start to heat to 60°C.
3. Add the rest of phase A one by one, until uniform.
4. Stop heat and start cool process, when temperature reach 45°C, add phase B one by one, stirring at 500rpm until uniform.
5. Prepare phase C, mix together in clear liquid, add into tank with stirring at 500 rpm, until uniform.
6. Adjust the pH with Sodium hydroxide (10%) manually.



PATENTS AND REGULATIONS The information presented herein is intended to illustrate the possible technical applications of our products. However, since the use of this information and our products is beyond our control, any recommendations or suggestions are made without guarantee of warranty in each country and particularly in the absence of patent rights. In addition, we recommend that the user ensures that this product is in compliance with the local regulations in force, particularly in the country where the finished product is to be consumed. It is the responsibility of the user to comply with the patents and the regulations in force. 06/2021 Formula Number: P0007CH

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