

BEARD GEL FORMULATION



with AGENABON 20.219, AGENAJEL CLEAR and PURA BEET

”Formulated and developed by Azelis Personal Care EMEA, Germany”

Natural Beard Gel		Rez 956-11-7 conventional	
Ingredients	INCI-Name	% w/w	Supplier
Phase A			
Demin. Water	Aqua	68,40	
Blanova® Active D-Phanthenol 75%	Panthenol	1,00	Azelis
Glycerine	Glycerin	4,00	
Blanova® Sodium Benzoate	Sodium Benzoate	0,60	Azelis
AGENABON 20.219	Hydrolyzed Corn Starch	5,00	AGRANA
Phase B			
AGENAJEL CLEAR	Hydroxypropyl Starch Phosphate	7,00	AGRANA
Phase C			
Demin. Water	Aqua	10,00	
PURA BEET	Betaine	4,00	AGRANA

PROCEDURE:

Mix all ingredients of phase A until clear and heat up to 70°C. Add phase B to phase A, whilst stirring and homogenize 2 min with Ultraturrax. Add phase C and to phase AB whilst mixing moderately; Adjust pH to 5,3 with Citric Acid whilst stirring.



COMMENT:

AGENAJEL CLEAR enables the production of natural based, semi transparent Beard Gels with comparable rheological properties to synthetic thickened gels.

AGENAJEL CLEAR provide high thickening effect and high transparent gels. The addition of ethanol pushes drying behavior on the beard.

AGENABON 20.219 has the function of gentle natural styling agent.

PuraBeet improves long lasting moisturizing effect.

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