

Formulation sheet

Gel toothpaste with naturallyderived foaming agent

ACTS20151

Description

Great taste, good consistency. Formulation is clear and smooth.

Phase	Ingredient	INCI name	Supplier	Function	Wt.%
A	CMC Cekol® 2000	Cellulose gum	CP Kelco	Thickener	1.00%
	Zemea [®] propanediol	Propanediol	CovationBio PDO	Solvent	4.00%
	Splenda®	Sucralose	Primient	Sweetener	0.20%
	Peppermint oil	Peppermint oil	FlavorChem	Flavor	0.75%
	Water	Deionized water	—	_	22.75%
В	Zemea [®] propanediol	Propanediol	CovationBio PDO	Solvent	25.00%
	Sorbogem	Sorbitol	Ingredion	Sweetener	20.30%
С	Zeodent [®] 116	Silica	Evonik	Polishing silica	23.00%
	Zeodent [®] 165	Silica	Evonik	Thickening silica	2.50%
D	Esterlac [™] SLL	Sodium lauroyl lactylate	Corbion	Foaming agent	0.50%
	Total				100.00%

Formula provided by: ACT Solutions Corp., Newark, Delaware, USA

Procedure

- 1. Mix together phase A until homogenous. Use handheld homogenizer if necessary.
- 2. Add phase A to phase B.

- 3. Dry mix phase C and add to AB.
- 4. Homogenize mixture until smooth.
- 5. Add Esterlac[™] SLL and mix until fully incorporated.

COVATION BIO PDO

For additional information or samples, please contact Customer Service.

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