

EVONIK CORPORATION
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Whitening Toothpaste

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FEATURING: ZEODENT® 124 AND ZEODENT® 163

for an exceptional white and clean smile



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POWER TO CREATE

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Whitening Toothpaste

Featuring ZEODENT® 124 and ZEODENT® 163
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Phase	Ingredients	INCI name	% w/w	Function
1		Water	35.500	Hydrating agent
		Sodium Saccharin	0.200	Sweetener
		Sodium Fluoride	0.240	Anticavity
2		Sorbitol (70%)	36.660	Humectant
		Cellulose Gum	1.200	Thickening
3	ZEODENT® 124	Hydrated Silica	18.000	Cleaning
	ZEODENT® 163	Hydrated Silica	6.000	Thickening
		Titanium Dioxide	0.500	Opacifying agent
4		Sodium Lauryl Sulfate	1.000	Foaming agent
		Flavor	0.700	Taste
Total		Total	100.000	

ZEODENT® 124 and ZEODENT® 163

- CAS Number (Silicon Dioxide) : 112926-00-8, 7631-86-9
- Quality excellence achieved through GMP and ISO 9001 certification
- Meets USP-NF "Dental-Type Silica" and EP "Silica, dental type" monographs
- Listed as "derived mineral ingredient" in the Annex D of ISO 16128-1 with the INCI name Hydrated Silica
- Conformity with COSMOS (as non-organic raw material)
- Certified as Kosher, Pareve, Kosher for Passover, and Halal
- Listed by NATRUE in Annex 2 (Nature-identical inorganic pigments and minerals approved in natural cosmetics) with the INCI name Hydrated Silica

Processing

- Weigh ingredients in advance
- Mix Phase 1 ingredients
- Phase 2 – disperse cellulose gum into sorbitol, while continuously stirring
- Combine Phase 1 and Phase 2 with high shear mixing at 1700 rpm for 30 minutes
- Add Phase 3 ingredients to combined Phases 1 and 2, and mix under vacuum for 20 minutes
- Stop mixer, add Phase 4 ingredients and mix under vacuum at half speed for 10 minutes