

# Guide Formulation



## Gentle toothpaste containing 45% Omyacare® S 80-AV

Omyacare® S 80-AV pure minerals from nature with smooth cleansing effect

	Ingredients	INCI Nomenclature	Suppliers	% w / w
A)	Phoskudent NA 211	Sodium Monofluorophosphate	3)	1.10
	Sodium Saccharin	Sodium Saccharin	5)	0.20
	Sorbitol 70%	Sorbitol		22.00
	Aqua dem.	Aqua (Water)		add. 100
	Carrageenan	Carrageenan	6)	0.80
	Sodium Benzoate	Sodium Benzoate	4)	0.20
B)	<b>Omyacare® S 80-AV</b>	<b>Calcium Carbonate</b>	<b>1)</b>	<b>45.00</b>
	Titanium Dioxide	Titanium Dioxide	6)	0.50
C)	Sorbosil TC15	Hydrated Silica	2)	4.00
D)	Galaxy 796G	Sodium Lauryl Sulfate	5)	1.15
	Galaxy CAPB DC	Cocamidopropyl Betaine	5)	1.25
E)	Flavor	Aroma		q.s.
				<b>100.00</b>

### Procedure:

1	Phase A: Into a beaker combine sorbitol with all powders and mix under strong agitation. Add water and stir to make a homogeneous texture.	4	Stir slowly and cool down to room temperature.
2	Add part B step by step to part A.	5	Add part D under slow agitation, optionally under vacuum.
3	Add part C step by step under strong agitation and homogenize.	6	Finally add flavorings also under slow agitation.

### Physical Data:

<b>pH:</b>	8.31 (25%,RT)	<b>Viscosity:</b>	-
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### Stability tested:

<b>12 months:</b>	RT
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### Suppliers

1	Omya AG; Switzerland	2	PQ Corporation; England
3	BK-Giulini GmbH; Germany	4	Sigma Aldrich; Switzerland
5	Omya Hamburg GmbH; Germany	6	Lipscomb Chemical Company Inc.; USA



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